

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051922\
 Data File : BM035162.D
 Acq On : 19 May 2022 20:58
 Operator : CG/JU
 Sample : N2871-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P017-SS001-1824-01MSD

Quant Time: May 20 04:56:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 04:53:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	146857	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	555650	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	312703	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	577734	20.000	ng	0.00
76) Chrysene-d12	21.468	240	553535	20.000	ng	0.00
86) Perylene-d12	23.856	264	647513	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	926088	111.253	ng	0.00
7) Phenol-d6	7.075	99	1162405	108.170	ng	0.00
23) Nitrobenzene-d5	9.063	82	764728	74.321	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	376118	110.572	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1556002	72.235	ng	0.00
79) Terphenyl-d14	19.910	244	1899303	66.436	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	138450	41.106	ng	99
3) Pyridine	3.781	79	365190	38.915	ng	98
4) n-Nitrosodimethylamine	3.693	42	233598	50.486	ng	99
6) Aniline	7.228	93	459699	37.242	ng	99
8) 2-Chlorophenol	7.469	128	456822	49.308	ng	97
9) Benzaldehyde	7.040	77	290905	41.593	ng	97
10) Phenol	7.104	94	527255	47.976	ng	99
11) bis(2-Chloroethyl)ether	7.328	93	396098	47.876	ng	97
12) 1,3-Dichlorobenzene	7.793	146	499854	47.630	ng	99
13) 1,4-Dichlorobenzene	7.940	146	505920	47.104	ng	100
14) 1,2-Dichlorobenzene	8.257	146	485135	47.444	ng	100
15) Benzyl Alcohol	8.146	79	394566	49.132	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.440	45	577402	43.063	ng	99
17) 2-Methylphenol	8.351	107	353653	47.390	ng	99
18) Hexachloroethane	8.987	117	188148	47.727	ng	98
19) n-Nitroso-di-n-propyla...	8.716	70	323162	45.936	ng	99
20) 3+4-Methylphenols	8.681	107	471518	46.179	ng	99
22) Acetophenone	8.728	105	639597	47.528	ng	# 99
24) Nitrobenzene	9.104	77	482430	46.609	ng	98
25) Isophorone	9.640	82	831973	48.361	ng	98
26) 2-Nitrophenol	9.816	139	234894	52.008	ng	98
27) 2,4-Dimethylphenol	9.887	122	389626	55.943	ng	97
28) bis(2-Chloroethoxy)met...	10.122	93	506107	51.119	ng	99
29) 2,4-Dichlorophenol	10.357	162	400013	48.714	ng	99
30) 1,2,4-Trichlorobenzene	10.575	180	449529	48.365	ng	98
31) Naphthalene	10.757	128	1294912	45.176	ng	100
32) Benzoic acid	10.022	122	276049	49.404	ng	99
33) 4-Chloroaniline	10.863	127	181388	15.731	ng	99
34) Hexachlorobutadiene	11.051	225	280042	48.799	ng	99
35) Caprolactam	11.651	113	111072	46.833	ng	99
36) 4-Chloro-3-methylphenol	11.998	107	400382	47.120	ng	100
37) 2-Methylnaphthalene	12.369	142	886461	44.633	ng	100
38) 1-Methylnaphthalene	12.586	142	851729	43.914	ng	99
40) 1,2,4,5-Tetrachloroben...	12.739	216	471566	52.961	ng	99
41) Hexachlorocyclopentadiene	12.722	237	586945	110.100	ng	99
43) 2,4,6-Trichlorophenol	12.981	196	308823	51.235	ng	95

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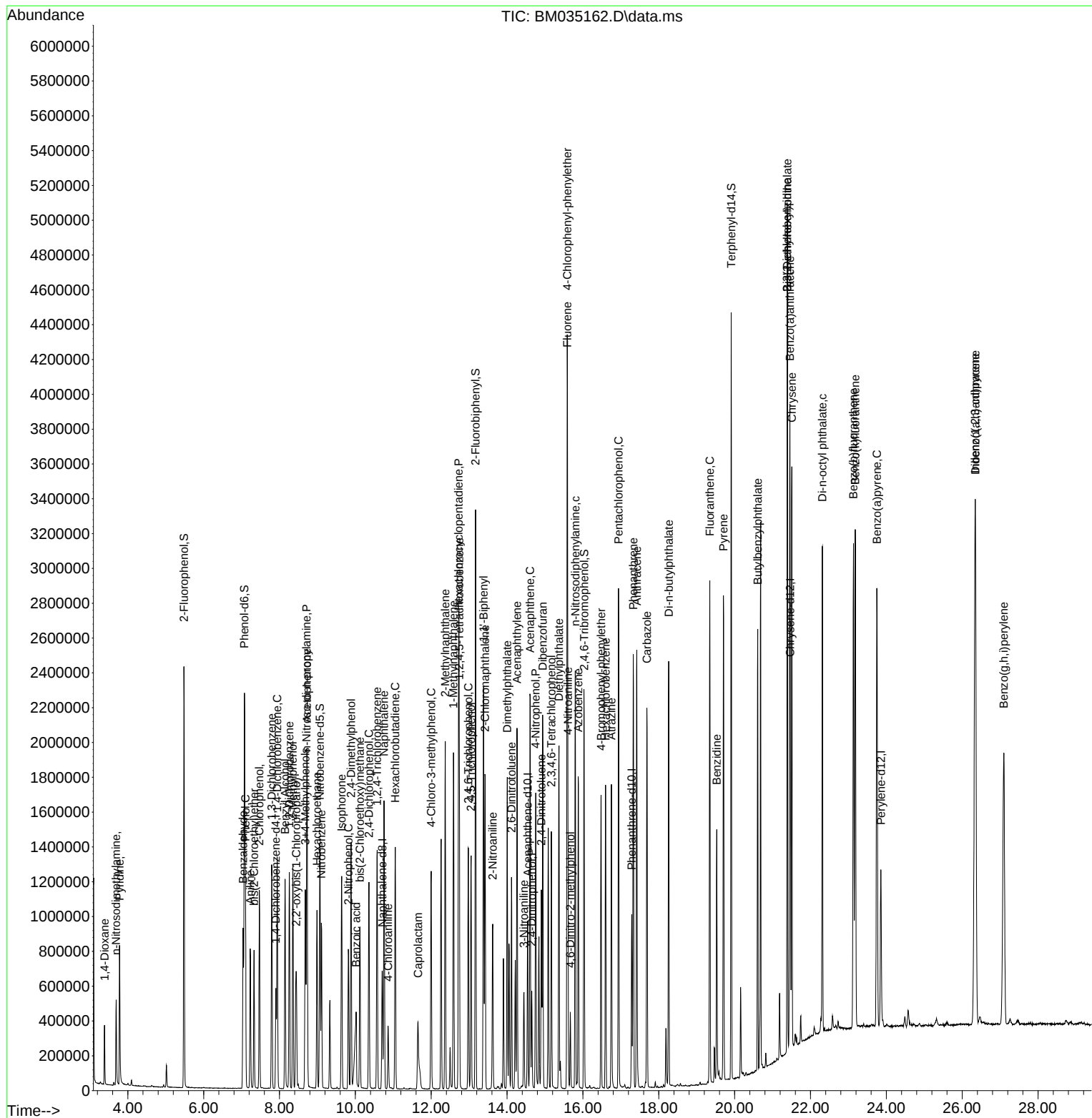
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	325703	48.660	ng	97
46) 1,1'-Biphenyl	13.381	154	1143177	48.526	ng	99
47) 2-Chloronaphthalene	13.422	162	879104	47.883	ng	100
48) 2-Nitroaniline	13.622	65	257930	48.838	ng	100
49) Acenaphthylene	14.263	152	1400286	49.540	ng	100
50) Dimethylphthalate	14.004	163	1076211	46.163	ng	99
51) 2,6-Dinitrotoluene	14.116	165	228728	48.188	ng	98
52) Acenaphthene	14.610	154	800582	41.805	ng	99
53) 3-Nitroaniline	14.445	138	130186	25.563	ng	96
54) 2,4-Dinitrophenol	14.651	184	105721	37.867	ng	98
55) Dibenzofuran	14.939	168	1258683	46.039	ng	100
56) 4-Nitrophenol	14.757	139	388825	93.475	ng	99
57) 2,4-Dinitrotoluene	14.904	165	308678	48.516	ng	99
58) Fluorene	15.592	166	1021112	44.963	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	261217	45.905	ng	97
60) Diethylphthalate	15.369	149	1055657	44.458	ng	99
61) 4-Chlorophenyl-phenyle...	15.586	204	514788	47.366	ng	96
62) 4-Nitroaniline	15.604	138	212065	40.214	ng	97
63) Azobenzene	15.874	77	959961	44.326	ng	99
65) 4,6-Dinitro-2-methylph...	15.669	198	83937	24.304	ng	95
66) n-Nitrosodiphenylamine	15.798	169	862550	49.263	ng	100
67) 4-Bromophenyl-phenylether	16.480	248	295647	50.343	ng	97
68) Hexachlorobenzene	16.598	284	330721	49.881	ng	97
69) Atrazine	16.751	200	292488	49.758	ng	99
70) Pentachlorophenol	16.939	266	440709	106.086	ng	100
71) Phenanthrene	17.327	178	1471226	45.692	ng	100
72) Anthracene	17.421	178	1491522	47.973	ng	100
73) Carbazole	17.686	167	1332776	46.937	ng	99
74) Di-n-butylphthalate	18.263	149	1670171	46.228	ng	100
75) Fluoranthene	19.345	202	1613370	45.632	ng	98
77) Benzidine	19.527	184	815451	48.223	ng	100
78) Pyrene	19.704	202	1664935	45.483	ng	99
80) Butylbenzylphthalate	20.609	149	733440	45.648	ng	97
81) Benzo(a)anthracene	21.456	228	1752125	47.437	ng	100
82) 3,3'-Dichlorobenzidine	21.386	252	527467	48.997	ng	99
83) Chrysene	21.509	228	1618083	45.864	ng	100
84) Bis(2-ethylhexyl)phtha...	21.392	149	1091672	44.185	ng	100
85) Di-n-octyl phthalate	22.315	149	1909106	46.872	ng	99
87) Indeno(1,2,3-cd)pyrene	26.339	276	2352736	47.791	ng	98
88) Benzo(b)fluoranthene	23.133	252	1955637	48.019	ng	99
89) Benzo(k)fluoranthene	23.180	252	1911200	46.359	ng	100
90) Benzo(a)pyrene	23.750	252	1923673	56.855	ng	99
91) Dibenzo(a,h)anthracene	26.350	278	2063748	49.975	ng	98
92) Benzo(g,h,i)perylene	27.097	276	2029866	51.157	ng	98

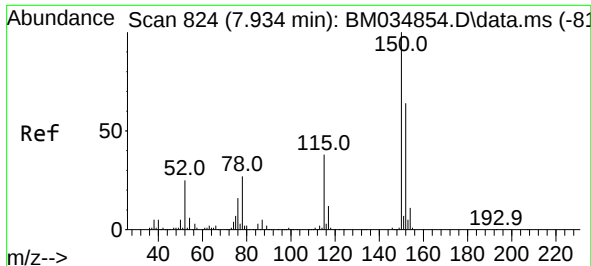
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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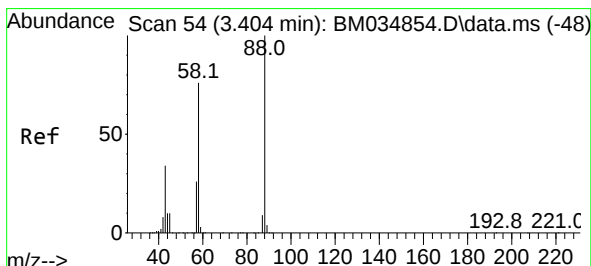
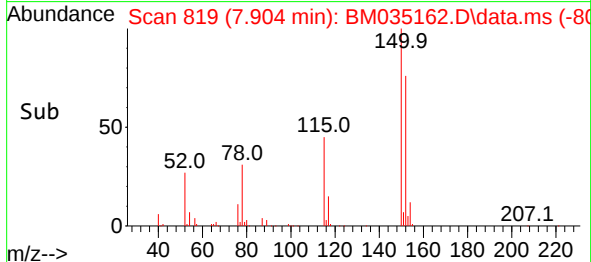
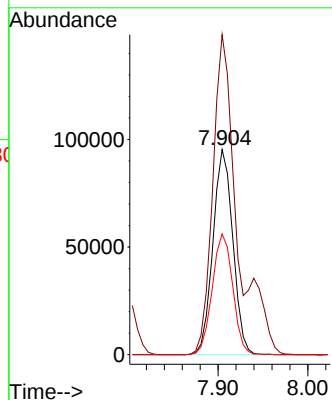
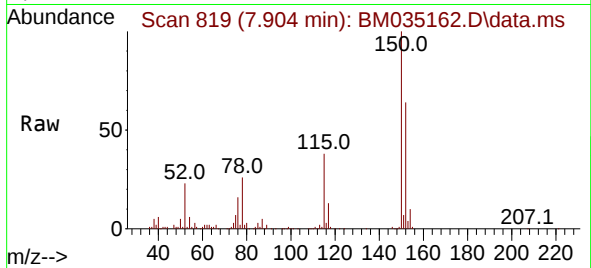




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

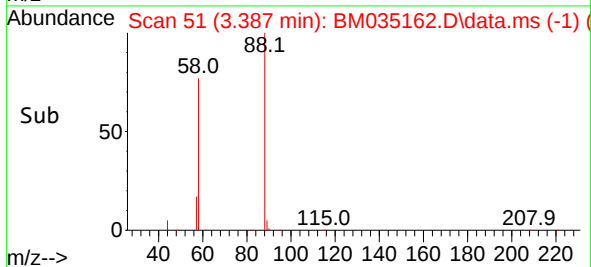
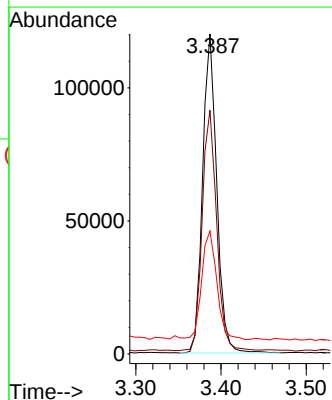
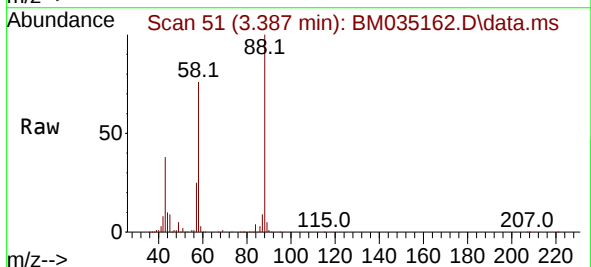
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ClientSampleId :
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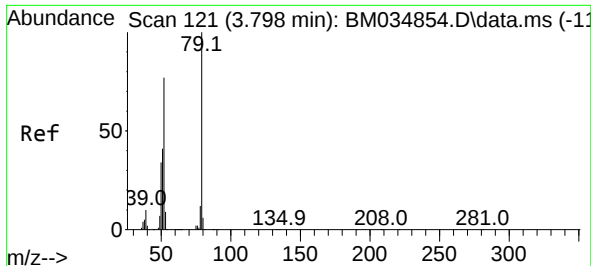
Tgt Ion:152 Resp: 146857
Ion Ratio Lower Upper
152 100
150 156.0 124.9 187.3
115 58.9 47.9 71.9



#2
1,4-Dioxane
Concen: 41.106 ng
RT: 3.387 min Scan# 51
Delta R.T. 0.006 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

Tgt Ion: 88 Resp: 138450
Ion Ratio Lower Upper
88 100
58 76.7 62.3 93.5
43 36.0 28.7 43.1

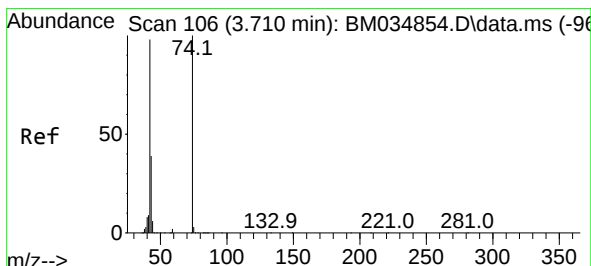
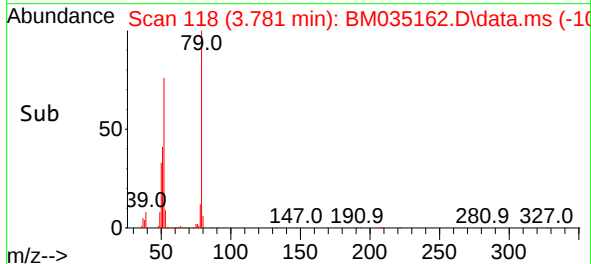
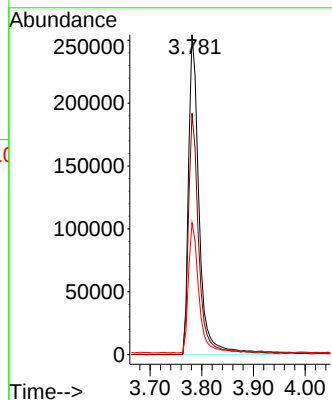
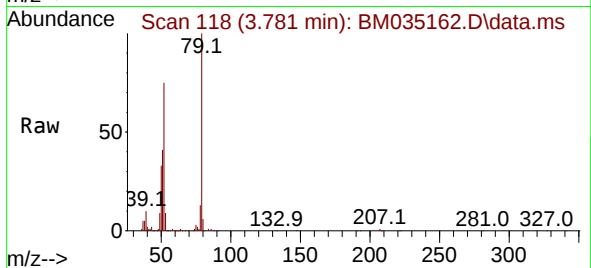




#3
Pyridine
Concen: 38.915 ng
RT: 3.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

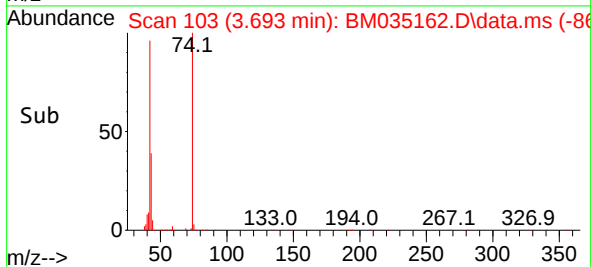
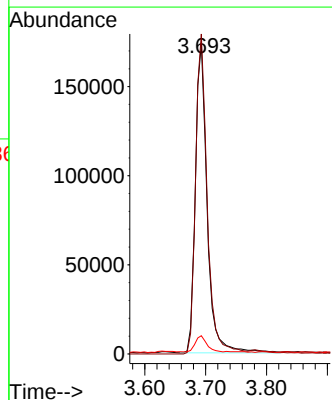
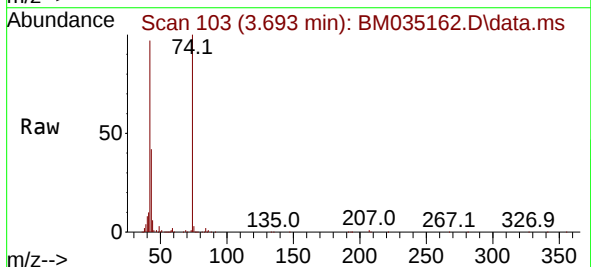
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ClientSampleId :
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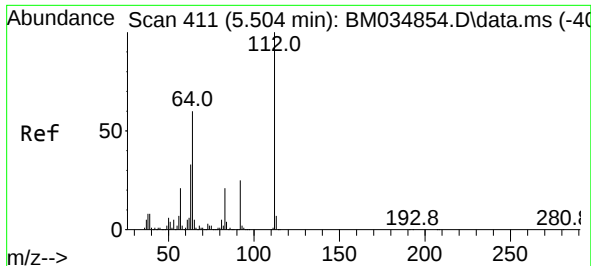
Tgt Ion: 79 Resp: 365190
Ion Ratio Lower Upper
79 100
52 75.4 61.9 92.9
51 41.2 33.5 50.3



#4
n-Nitrosodimethylamine
Concen: 50.486 ng
RT: 3.693 min Scan# 103
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

Tgt Ion: 42 Resp: 233598
Ion Ratio Lower Upper
42 100
74 103.2 81.6 122.4
44 5.9 5.2 7.8

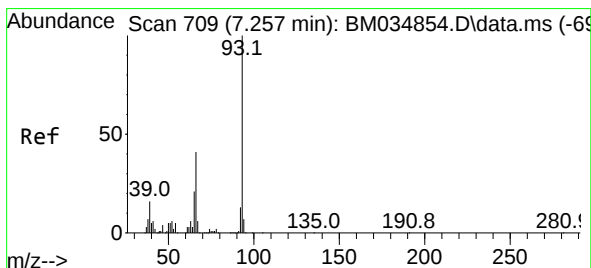
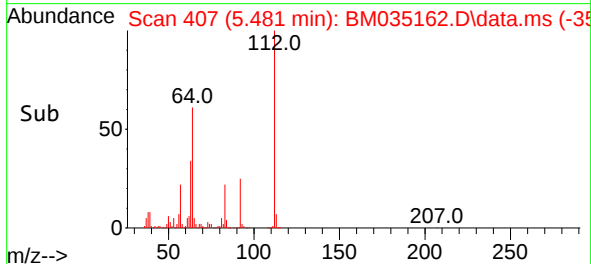
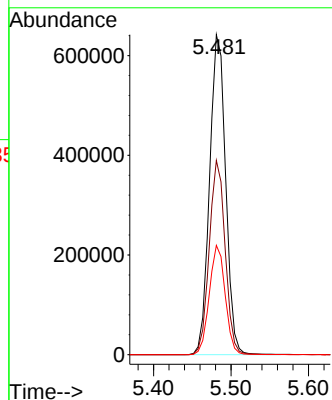
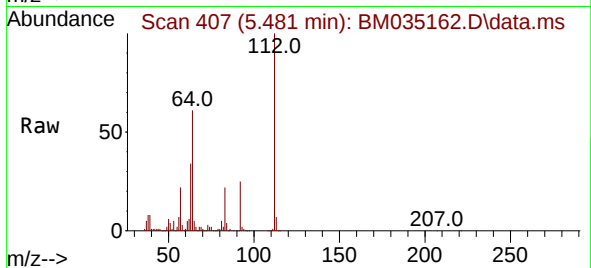




#5
2-Fluorophenol
Concen: 111.253 ng
RT: 5.481 min Scan# 411
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

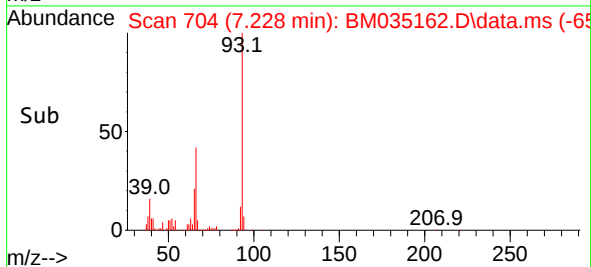
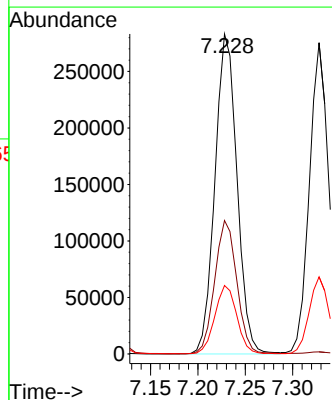
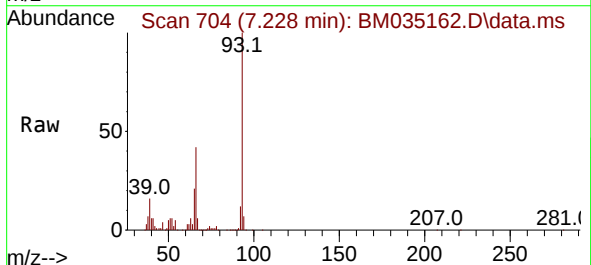
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Tgt Ion:112 Resp: 926088
Ion Ratio Lower Upper
112 100
64 60.7 47.8 71.6
63 34.1 26.6 40.0



#6
Aniline
Concen: 37.242 ng
RT: 7.228 min Scan# 704
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

Tgt Ion: 93 Resp: 459699
Ion Ratio Lower Upper
93 100
66 41.7 32.6 49.0
65 21.4 16.8 25.2

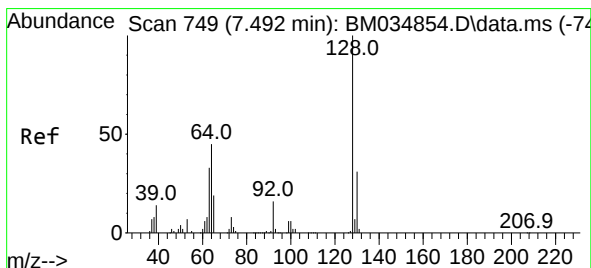
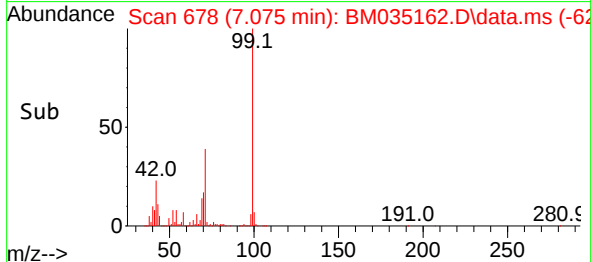
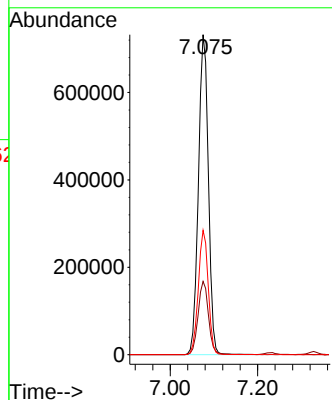
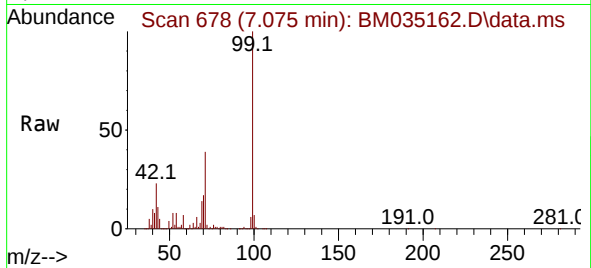




#7
Phenol-d6
Concen: 108.170 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035162.D
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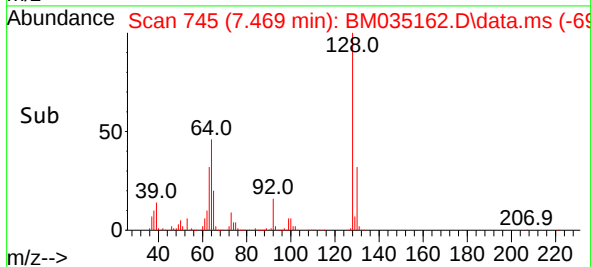
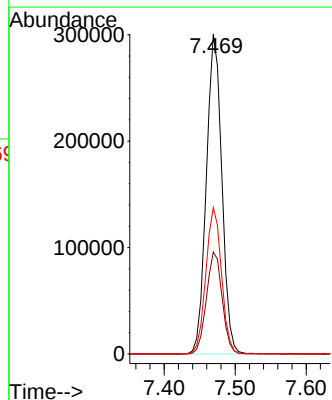
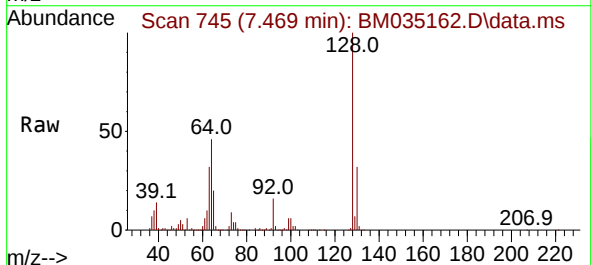
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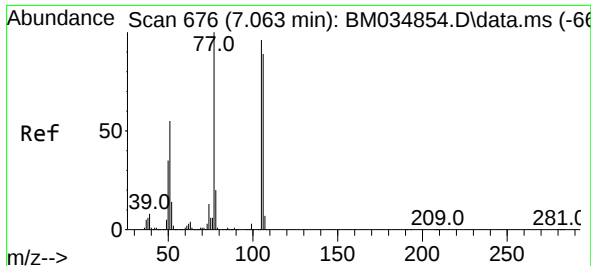
Tgt Ion: 99 Resp: 1162405
Ion Ratio Lower Upper
99 100
42 22.9 18.8 28.2
71 38.9 30.2 45.2



#8
2-Chlorophenol
Concen: 49.308 ng
RT: 7.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

Tgt Ion: 128 Resp: 456822
Ion Ratio Lower Upper
128 100
130 31.9 10.9 50.9
64 45.8 28.2 68.2

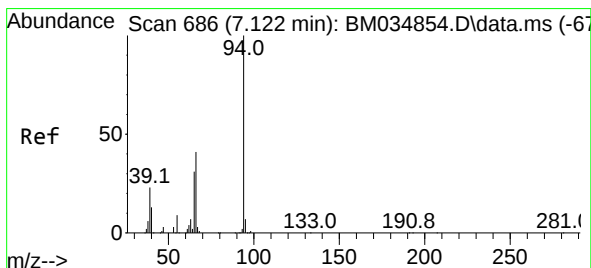
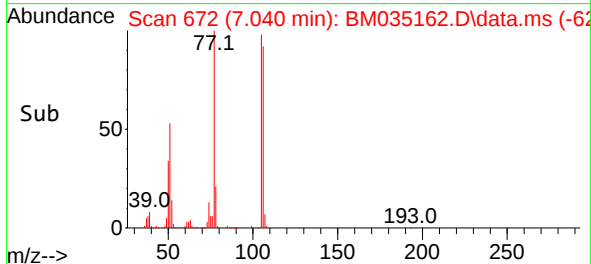
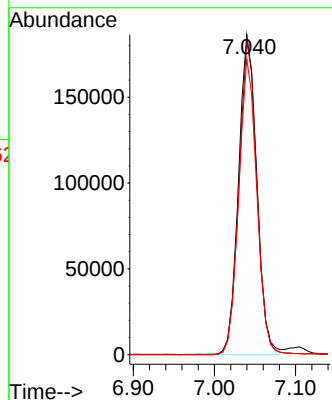
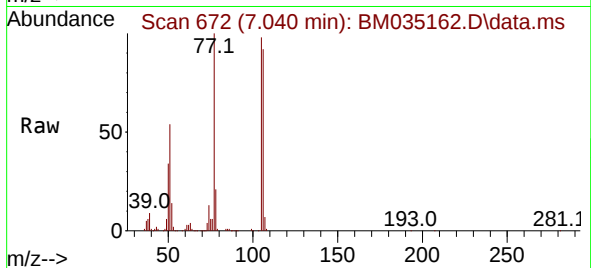




#9
Benzaldehyde
Concen: 41.593 ng
RT: 7.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

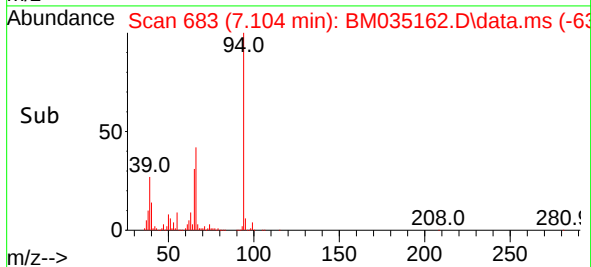
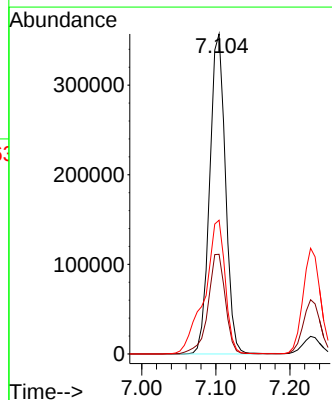
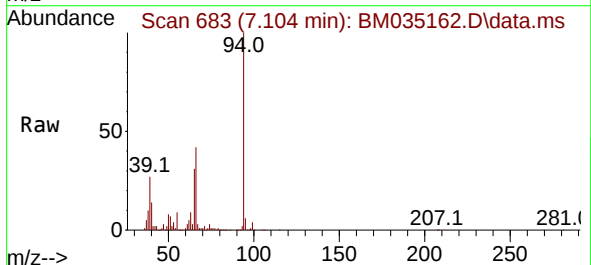
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Tgt Ion: 77 Resp: 290905
Ion Ratio Lower Upper
77 100
105 97.8 76.3 116.3
106 92.4 69.0 109.0



#10
Phenol
Concen: 47.976 ng
RT: 7.104 min Scan# 683
Delta R.T. 0.006 min
Lab File: BM035162.D
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Tgt Ion: 94 Resp: 527255
Ion Ratio Lower Upper
94 100
65 31.1 11.4 51.4
66 41.8 21.4 61.4

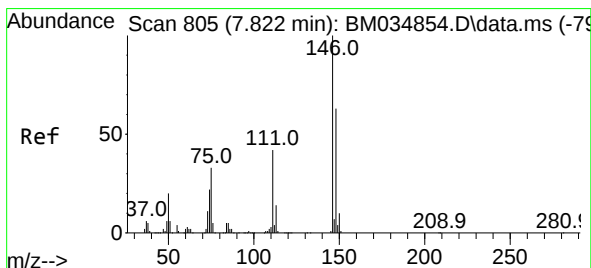
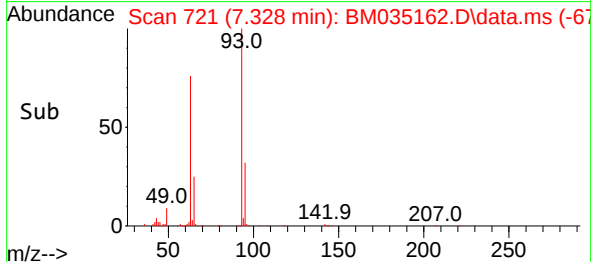
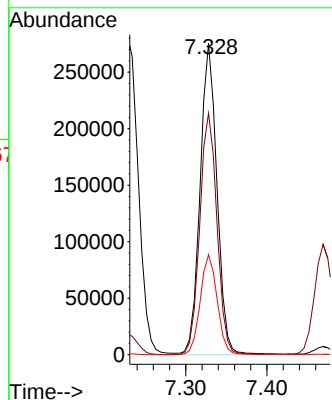
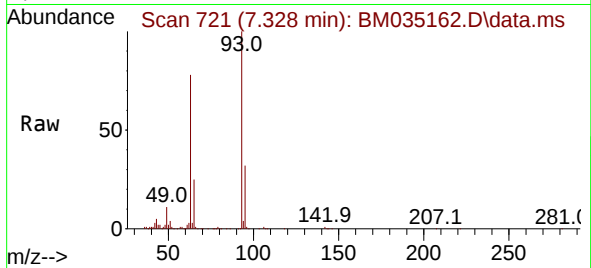




#11
bis(2-Chloroethyl)ether
Concen: 47.876 ng
RT: 7.328 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

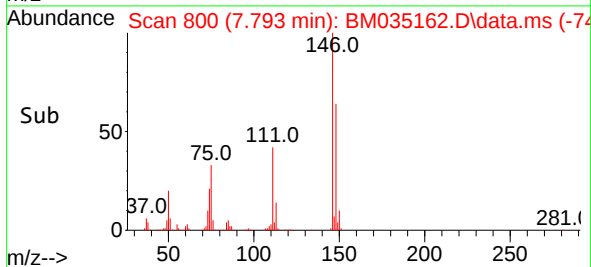
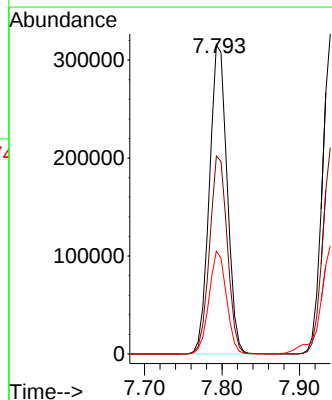
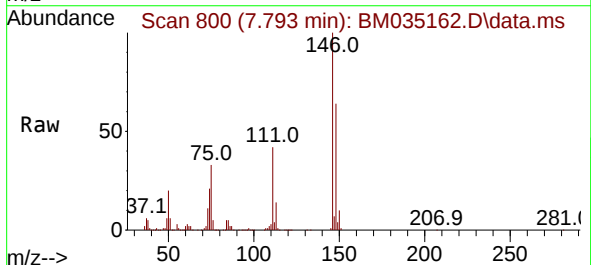
Instrument :
BNA_M
ClientSampleId :
P017-SS001-1824-01MSD

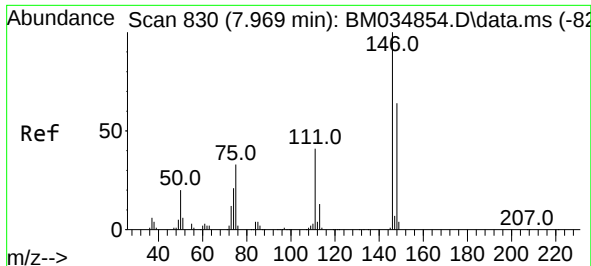
Tgt Ion: 93 Resp: 396098
Ion Ratio Lower Upper
93 100
63 77.6 60.6 100.6
95 32.1 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 47.630 ng
RT: 7.793 min Scan# 800
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

Tgt Ion: 146 Resp: 499854
Ion Ratio Lower Upper
146 100
148 64.0 50.7 76.1
75 33.3 26.1 39.1

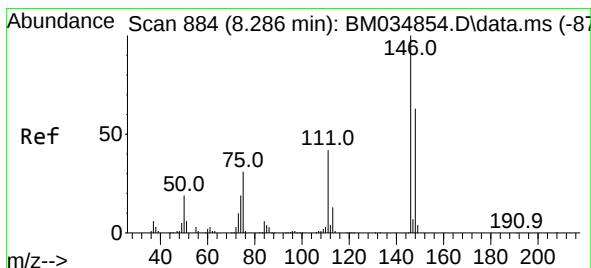
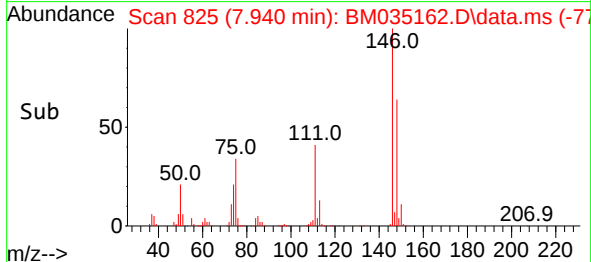
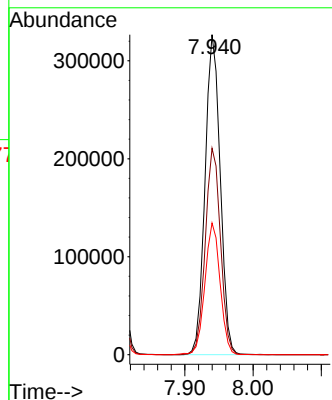
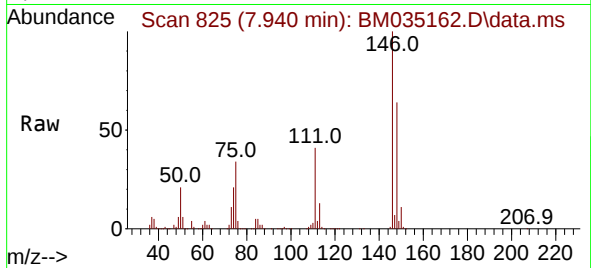




#13
1,4-Dichlorobenzene
Concen: 47.104 ng
RT: 7.940 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

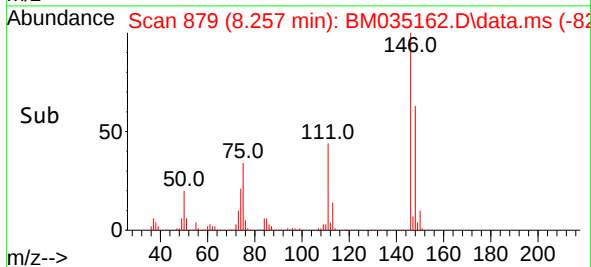
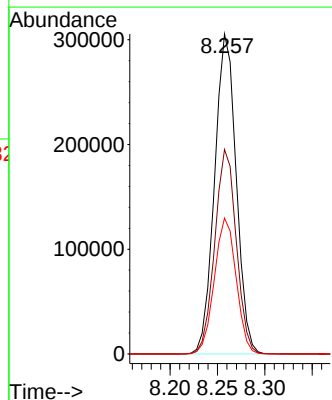
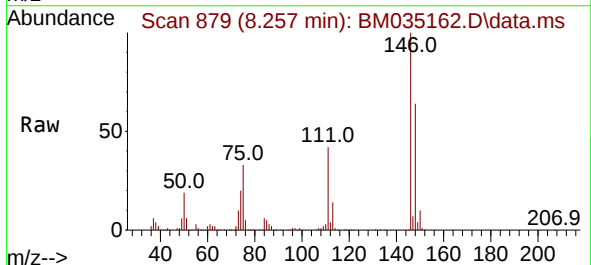
Instrument :
BNA_M
ClientSampleId :
P017-SS001-1824-01MSD

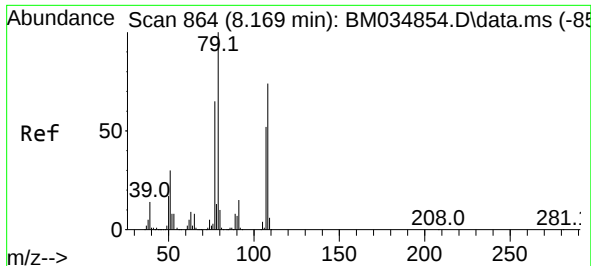
Tgt Ion:146 Resp: 505920
Ion Ratio Lower Upper
146 100
148 64.5 51.5 77.3
111 41.2 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 47.444 ng
RT: 8.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

Tgt Ion:146 Resp: 485135
Ion Ratio Lower Upper
146 100
148 63.9 50.7 76.1
111 42.4 33.9 50.9

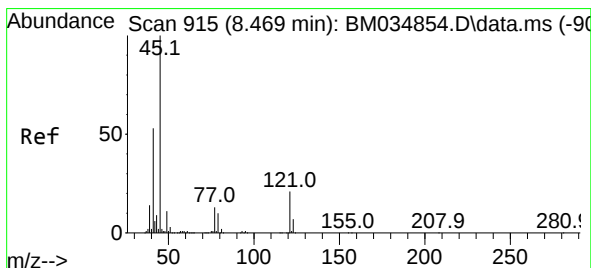
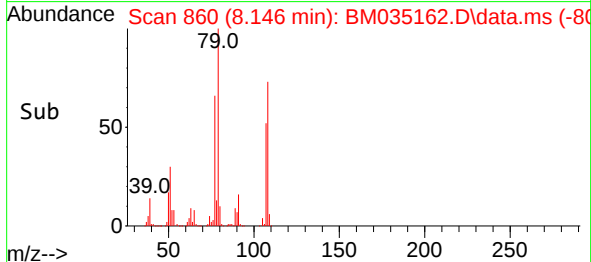
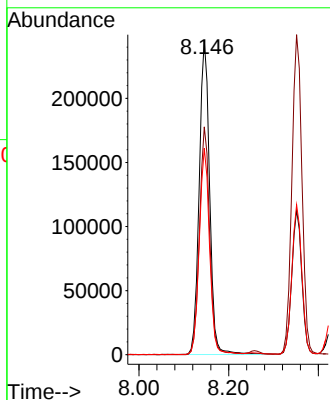
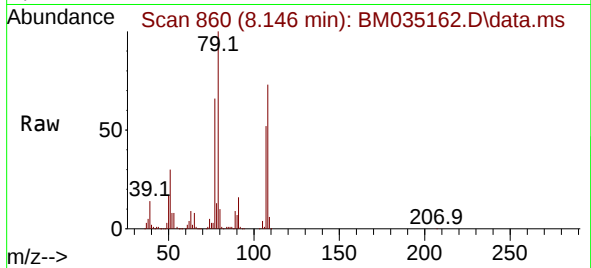




#15
Benzyl Alcohol
Concen: 49.132 ng
RT: 8.146 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

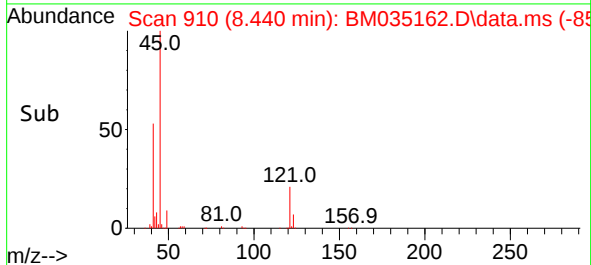
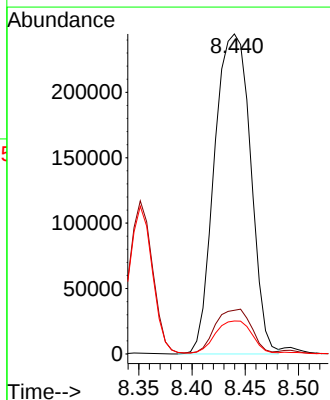
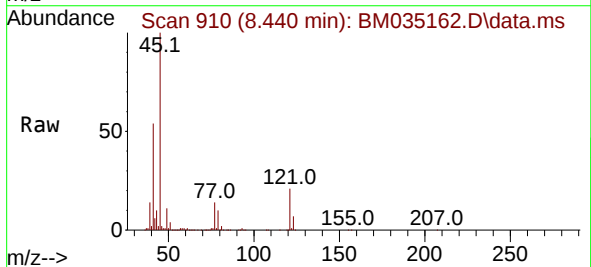
Instrument :
BNA_M
ClientSampleId :
P017-SS001-1824-01MSD

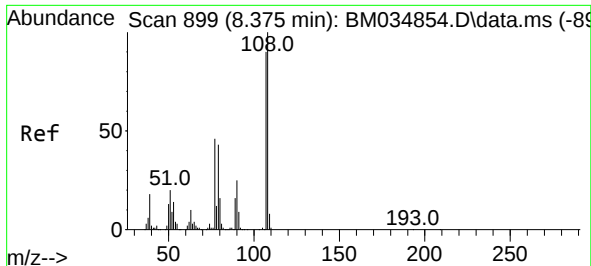
Tgt Ion: 79 Resp: 394566
Ion Ratio Lower Upper
79 100
108 72.5 59.0 88.4
77 65.7 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.063 ng
RT: 8.440 min Scan# 910
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

Tgt Ion: 45 Resp: 577402
Ion Ratio Lower Upper
45 100
77 13.6 0.0 33.1
79 10.3 0.0 30.5





#17

2-Methylphenol

Concen: 47.390 ng

RT: 8.351 min Scan# 899

Delta R.T. 0.000 min

Lab File: BM035162.D

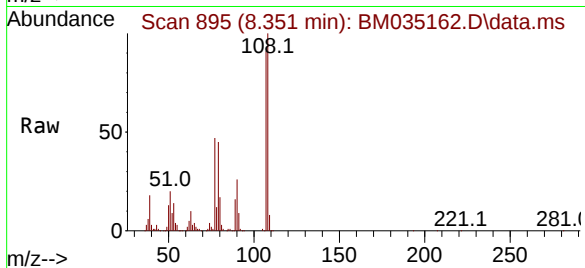
Acq: 19 May 2022 20:58

Instrument :

BNA_M

ClientSampleId :

P017-SS001-1824-01MSD



Tgt Ion:107 Resp: 353653

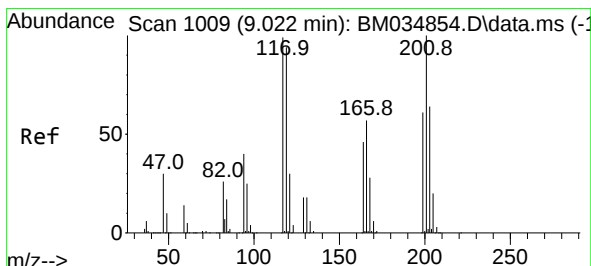
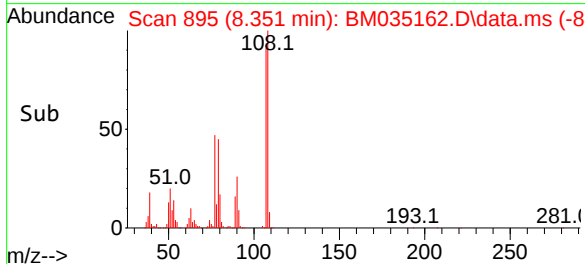
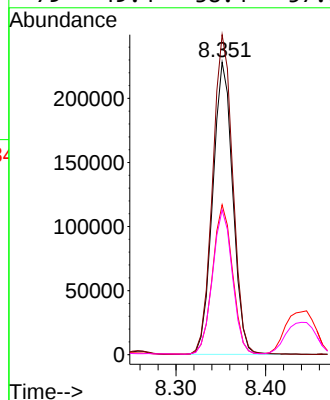
Ion Ratio Lower Upper

107 100

108 109.4 88.7 133.1

77 51.3 40.6 60.8

79 49.4 38.4 57.6



#18

Hexachloroethane

Concen: 47.727 ng

RT: 8.987 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BM035162.D

Acq: 19 May 2022 20:58

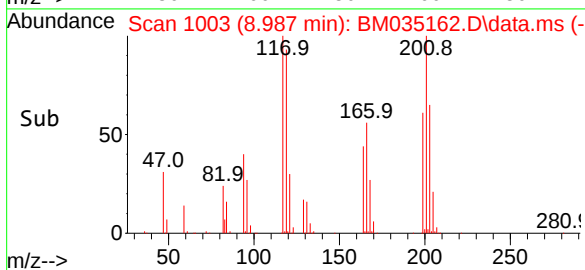
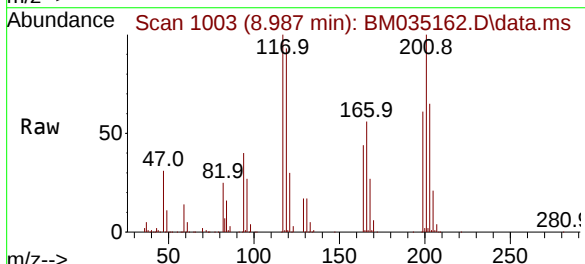
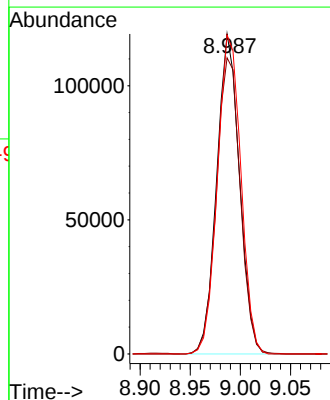
Tgt Ion:117 Resp: 188148

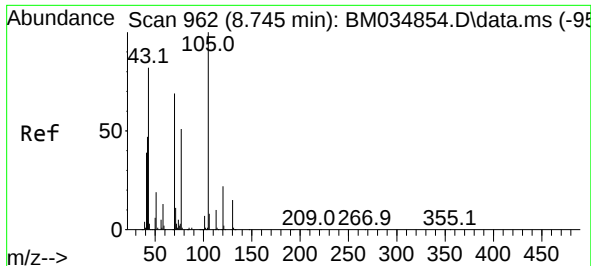
Ion Ratio Lower Upper

117 100

119 92.5 75.8 113.6

201 99.7 81.0 121.4





#19

n-Nitroso-di-n-propylamine

Concen: 45.936 ng

RT: 8.716 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM035162.D

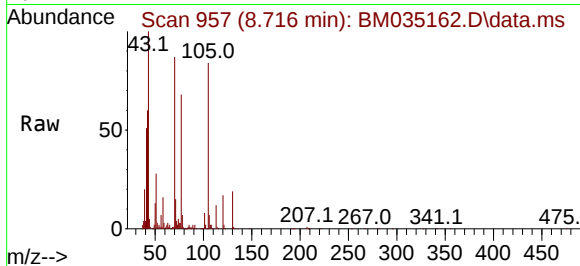
Acq: 19 May 2022 20:58

Instrument :

BNA_M

ClientSampleId :

P017-SS001-1824-01MSD



Tgt Ion: 70 Resp: 323162

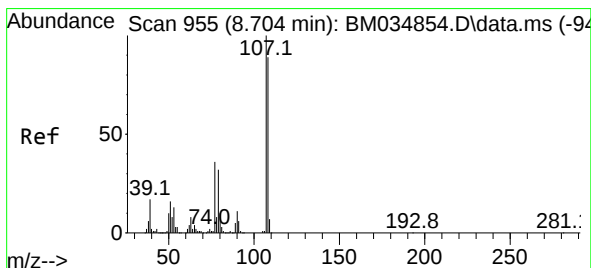
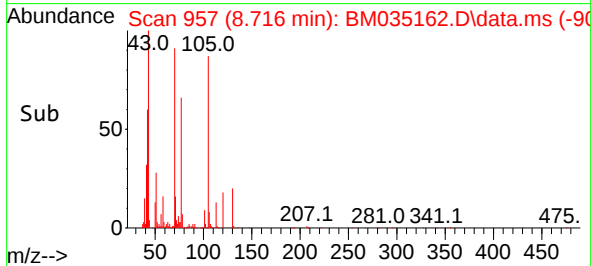
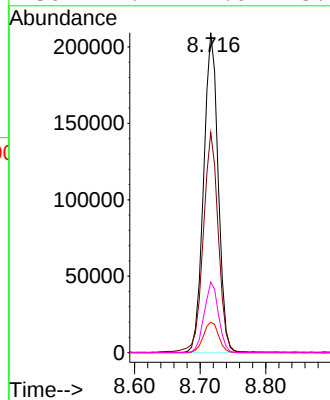
Ion Ratio Lower Upper

70 100

42 68.8 55.4 83.2

101 9.5 7.8 11.6

130 22.1 17.0 25.6



#20

3+4-Methylphenols

Concen: 46.179 ng

RT: 8.681 min Scan# 951

Delta R.T. 0.000 min

Lab File: BM035162.D

Acq: 19 May 2022 20:58

Tgt Ion: 107 Resp: 471518

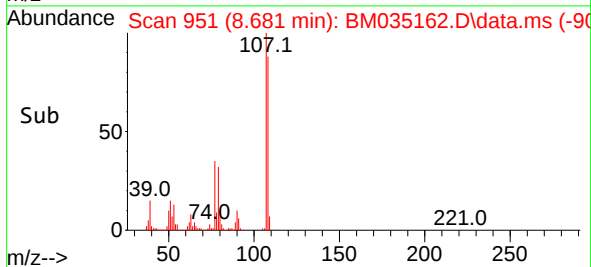
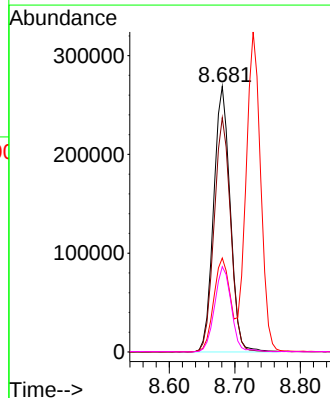
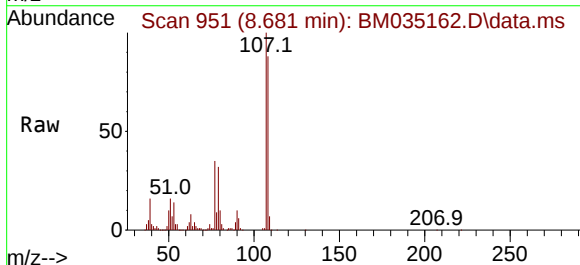
Ion Ratio Lower Upper

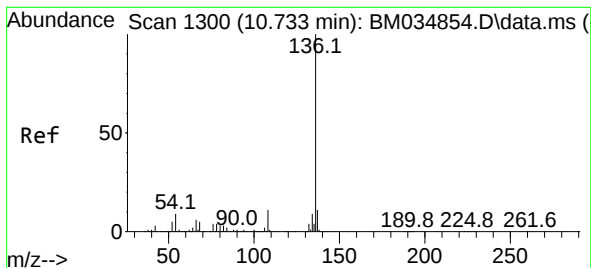
107 100

108 88.2 69.3 109.3

77 35.4 15.8 55.8

79 32.1 12.3 52.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.710 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM035162.D

Acq: 19 May 2022 20:58

Instrument :

BNA_M

ClientSampleId :

P017-SS001-1824-01MSD

Tgt Ion:136 Resp: 555650

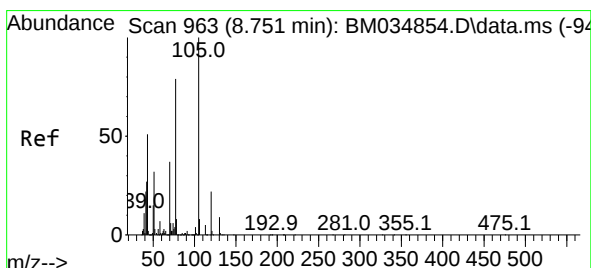
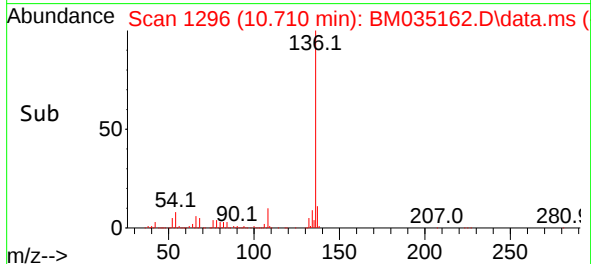
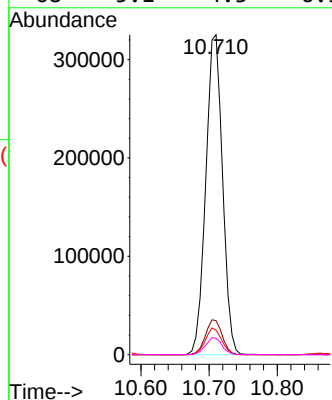
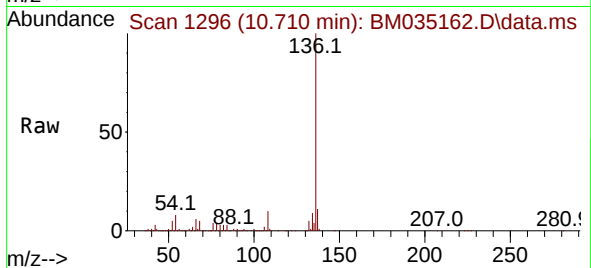
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.7 7.0 10.4

68 5.1 4.3 6.5



#22

Acetophenone

Concen: 47.528 ng

RT: 8.728 min Scan# 959

Delta R.T. 0.000 min

Lab File: BM035162.D

Acq: 19 May 2022 20:58

Tgt Ion:105 Resp: 639597

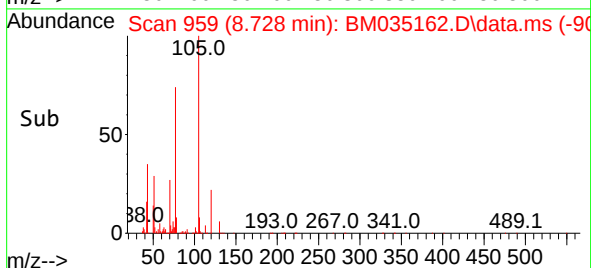
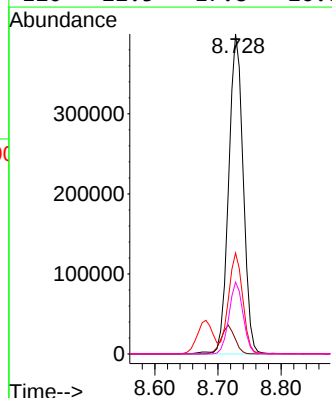
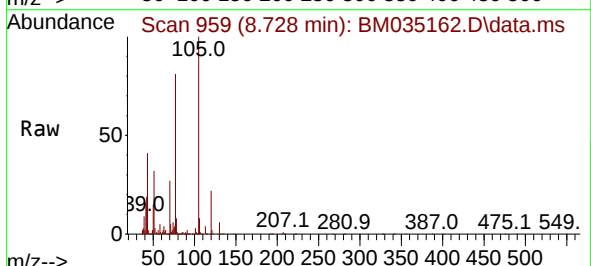
Ion Ratio Lower Upper

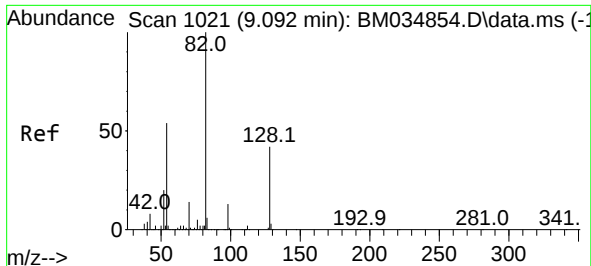
105 100

71 4.6 5.0 7.4#

51 31.6 25.6 38.4

120 22.5 17.8 26.8

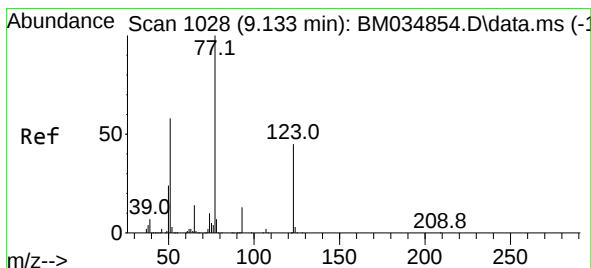
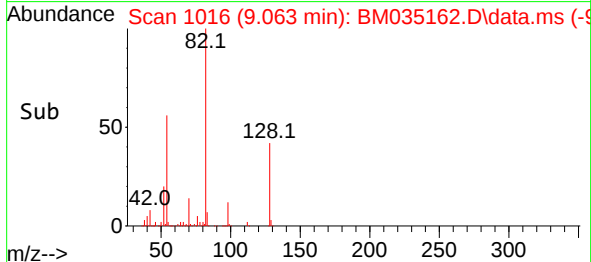
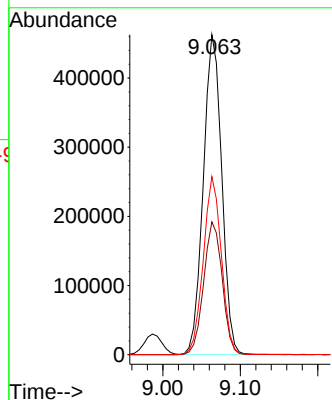
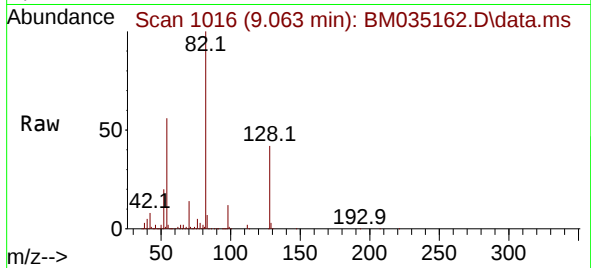




#23
Nitrobenzene-d5
Concen: 74.321 ng
RT: 9.063 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

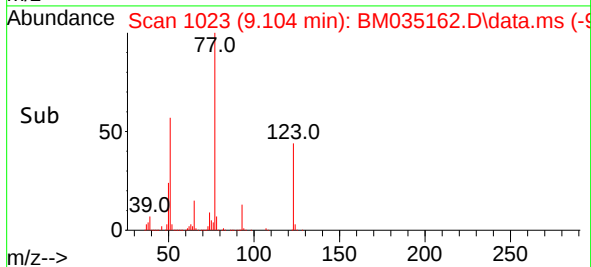
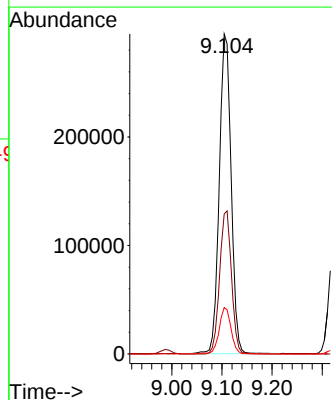
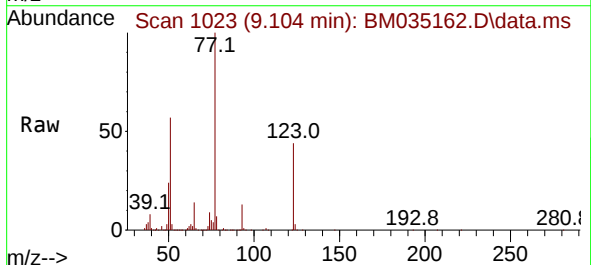
Instrument :
BNA_M
ClientSampleId :
P017-SS001-1824-01MSD

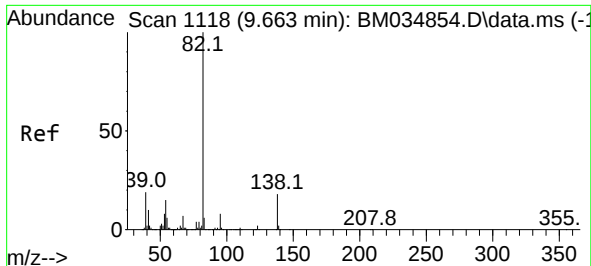
Tgt Ion: 82 Resp: 764728
Ion Ratio Lower Upper
82 100
128 41.5 33.7 50.5
54 55.6 43.2 64.8



#24
Nitrobenzene
Concen: 46.609 ng
RT: 9.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

Tgt Ion: 77 Resp: 482430
Ion Ratio Lower Upper
77 100
123 43.8 36.2 54.4
65 14.5 11.4 17.0

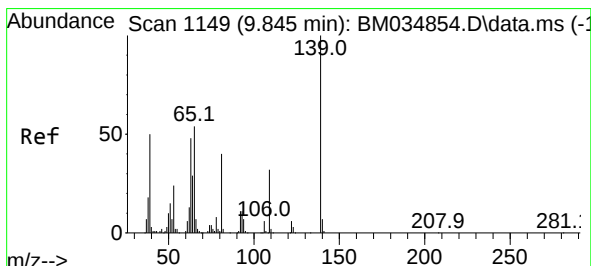
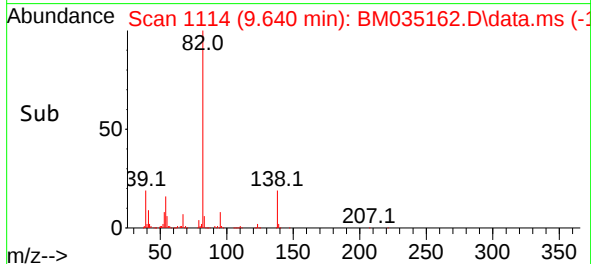
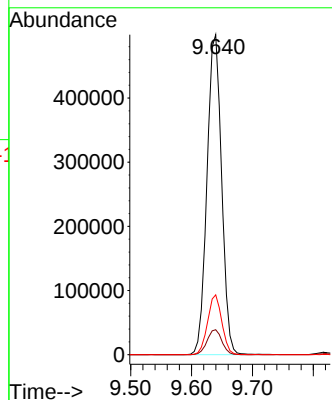
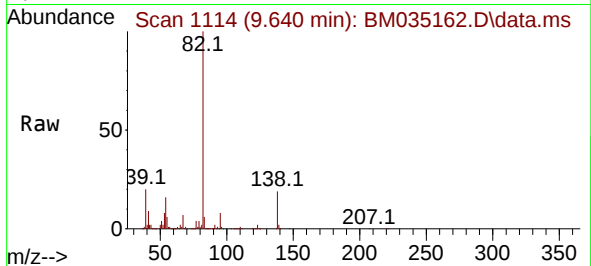




#25
Isophorone
Concen: 48.361 ng
RT: 9.640 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

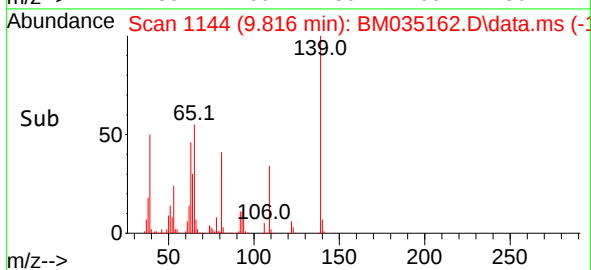
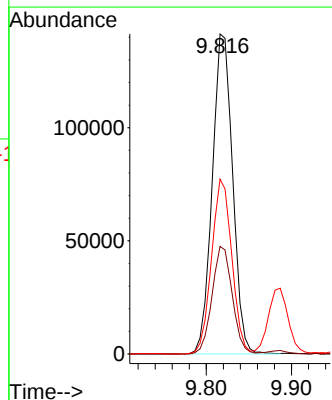
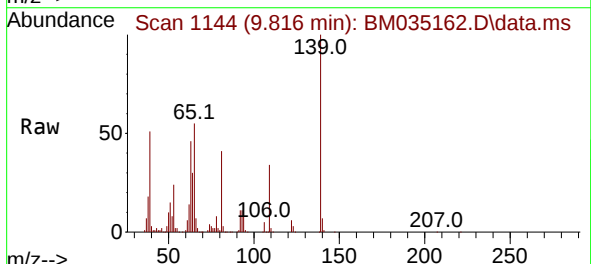
Instrument :
BNA_M
ClientSampleId :
P017-SS001-1824-01MSD

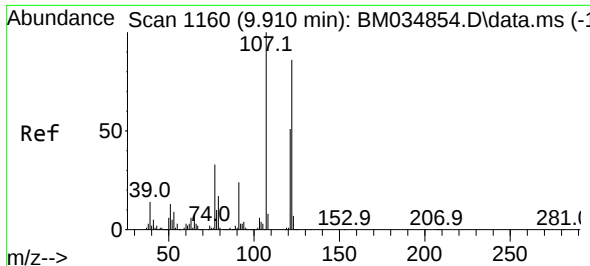
Tgt Ion: 82 Resp: 831973
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 18.7 14.2 21.4



#26
2-Nitrophenol
Concen: 52.008 ng
RT: 9.816 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

Tgt Ion:139 Resp: 234894
Ion Ratio Lower Upper
139 100
109 33.6 25.6 38.4
65 54.6 43.2 64.8

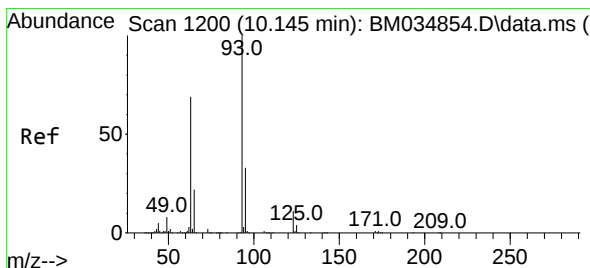
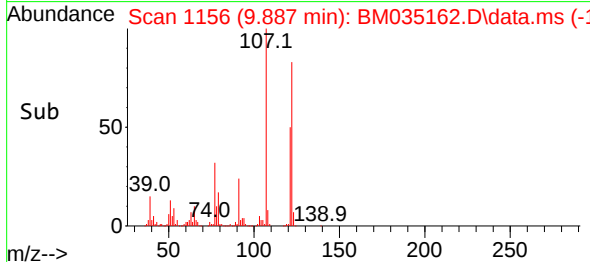
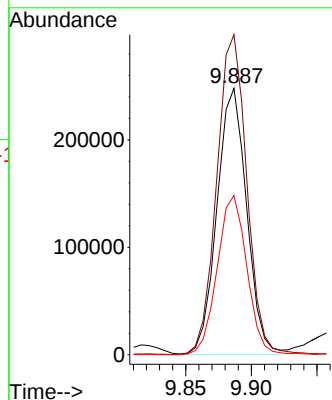
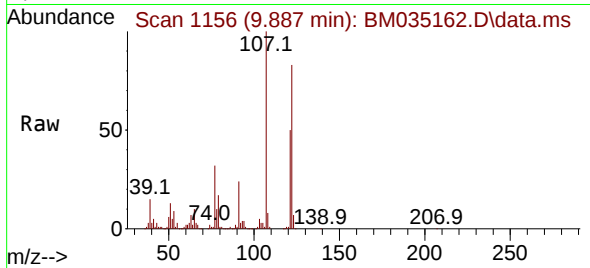




#27
2,4-Dimethylphenol
Concen: 55.943 ng
RT: 9.887 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

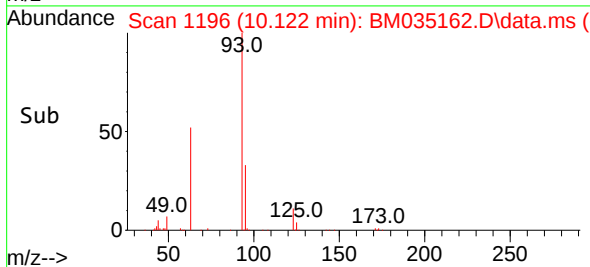
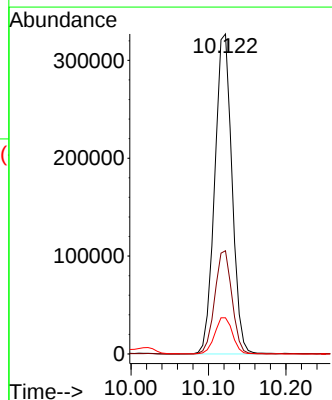
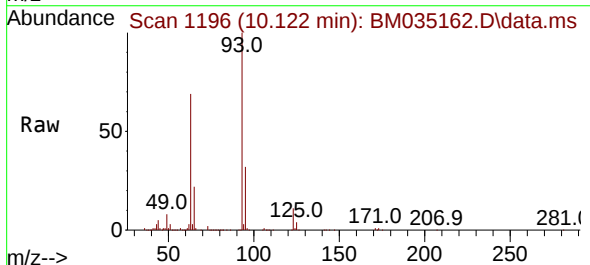
Instrument :
BNA_M
ClientSampleId :
P017-SS001-1824-01MSD

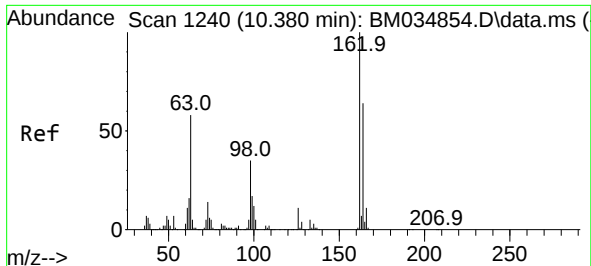
Tgt Ion:122 Resp: 389626
Ion Ratio Lower Upper
122 100
107 120.1 92.4 138.6
121 59.7 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 51.119 ng
RT: 10.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

Tgt Ion: 93 Resp: 506107
Ion Ratio Lower Upper
93 100
95 32.3 26.1 39.1
123 11.3 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 48.714 ng

RT: 10.357 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM035162.D

Acq: 19 May 2022 20:58

Instrument :

BNA_M

ClientSampleId :

P017-SS001-1824-01MSD

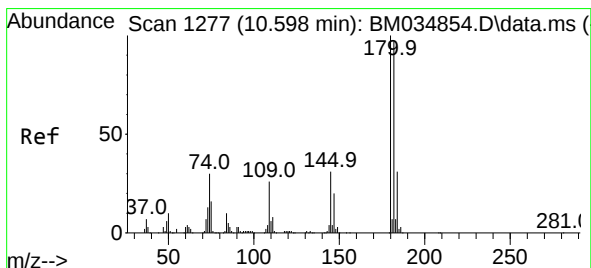
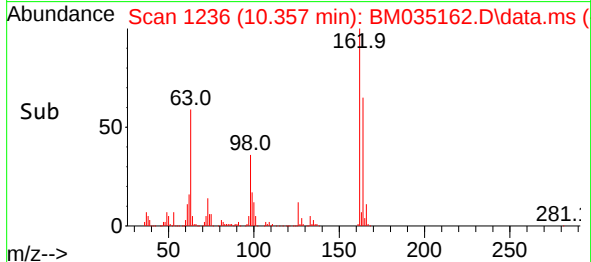
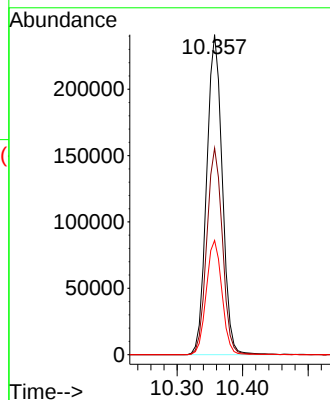
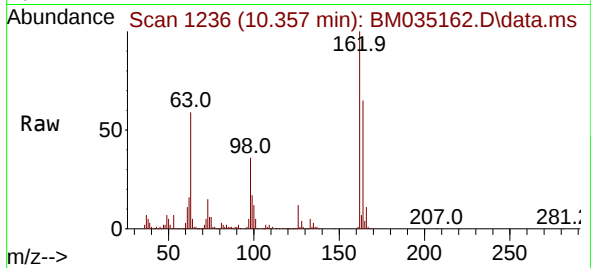
Tgt Ion:162 Resp: 400013

Ion Ratio Lower Upper

162 100

164 64.6 44.2 84.2

98 35.7 15.0 55.0



#30

1,2,4-Trichlorobenzene

Concen: 48.365 ng

RT: 10.575 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BM035162.D

Acq: 19 May 2022 20:58

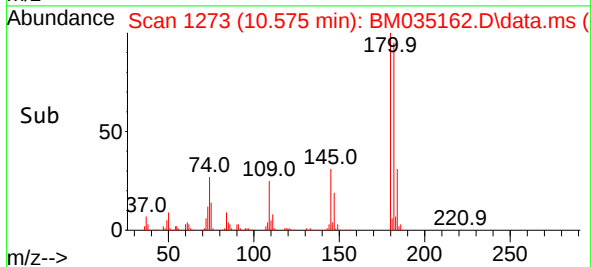
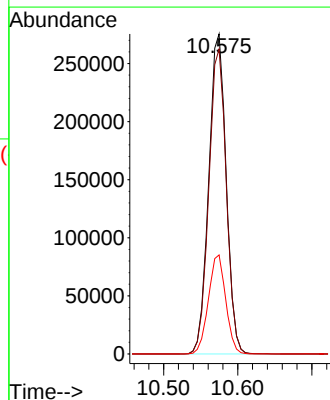
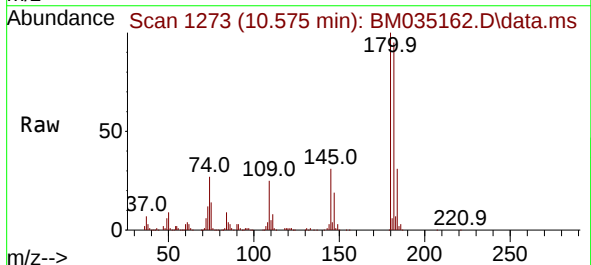
Tgt Ion:180 Resp: 449529

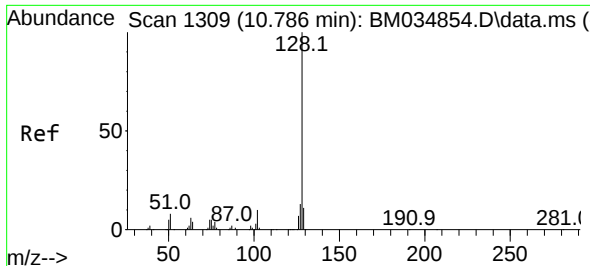
Ion Ratio Lower Upper

180 100

182 95.3 77.9 116.9

145 30.9 25.0 37.6

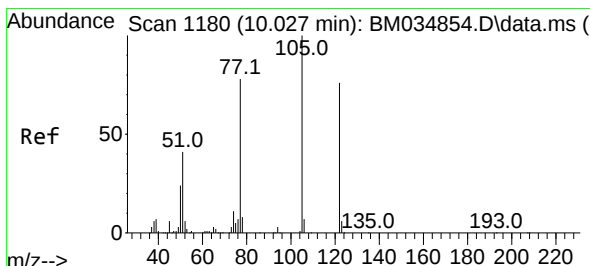
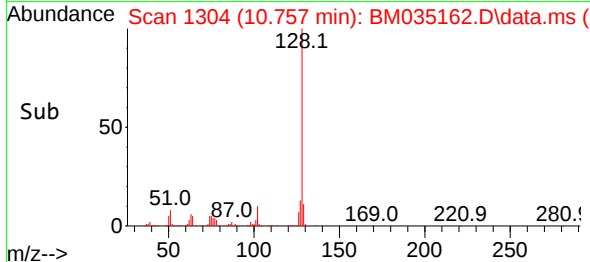
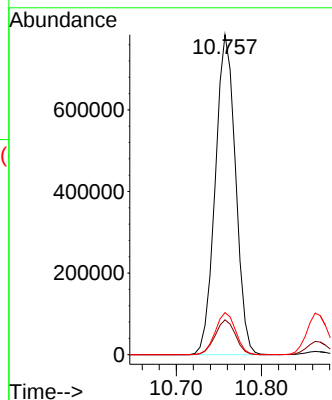
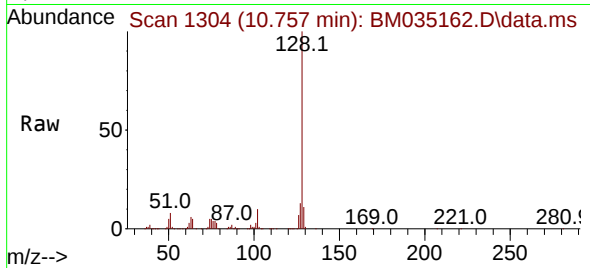




#31
Naphthalene
Concen: 45.176 ng
RT: 10.757 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

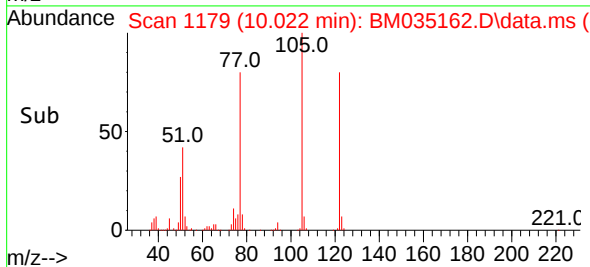
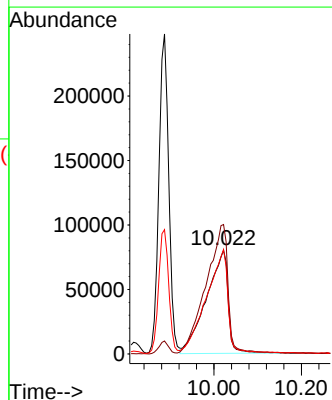
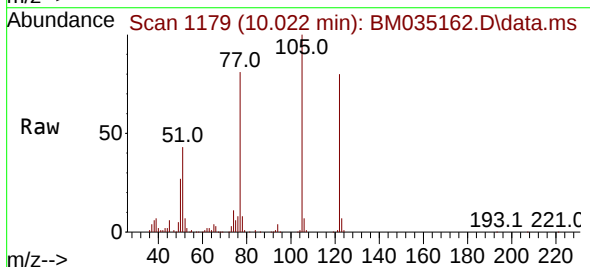
Instrument :
BNA_M
ClientSampleId :
P017-SS001-1824-01MSD

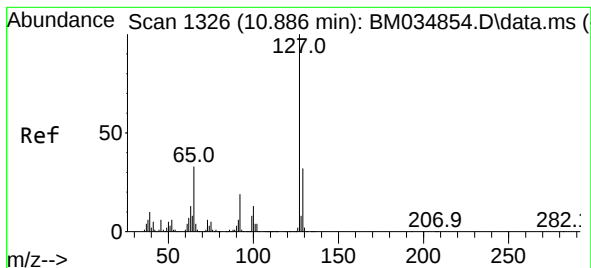
Tgt Ion:128 Resp: 1294912
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 49.404 ng
RT: 10.022 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

Tgt Ion:122 Resp: 276049
Ion Ratio Lower Upper
122 100
105 124.8 105.7 145.7
77 100.7 80.0 120.0





#33

4-Chloroaniline

Concen: 15.731 ng

RT: 10.863 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM035162.D

Acq: 19 May 2022 20:58

Instrument :

BNA_M

ClientSampleId :

P017-SS001-1824-01MSD

Tgt Ion:127 Resp: 181388

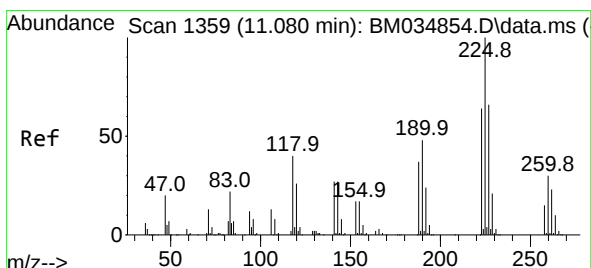
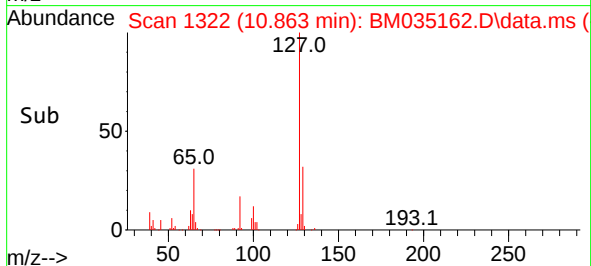
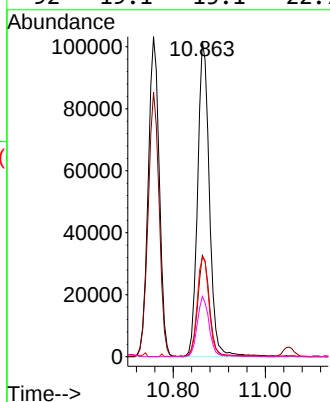
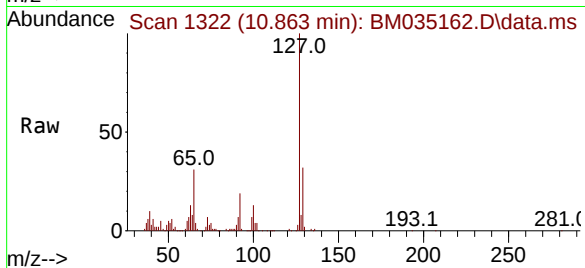
Ion Ratio Lower Upper

127 100

129 32.1 25.7 38.5

65 31.3 26.6 40.0

92 19.1 15.1 22.7



#34

Hexachlorobutadiene

Concen: 48.799 ng

RT: 11.051 min Scan# 1354

Delta R.T. 0.000 min

Lab File: BM035162.D

Acq: 19 May 2022 20:58

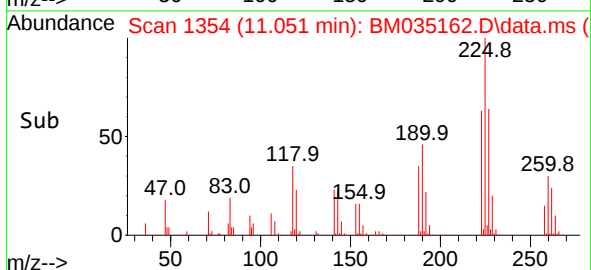
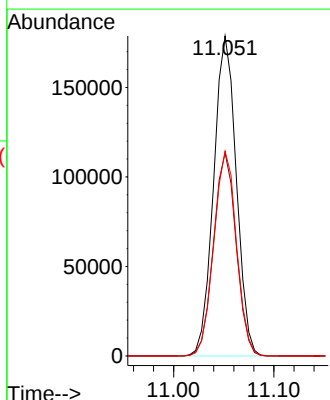
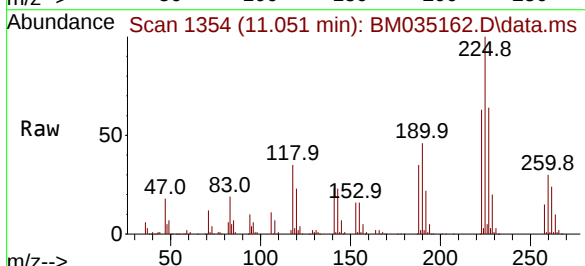
Tgt Ion:225 Resp: 280042

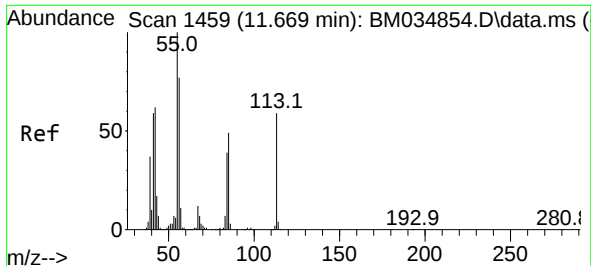
Ion Ratio Lower Upper

225 100

223 63.4 50.8 76.2

227 64.0 52.7 79.1

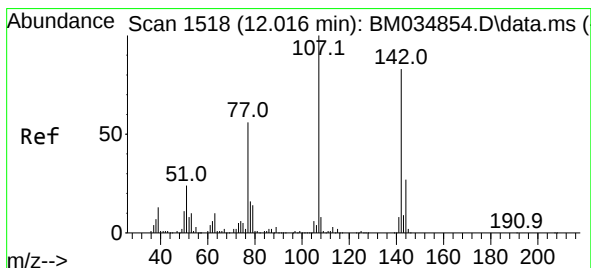
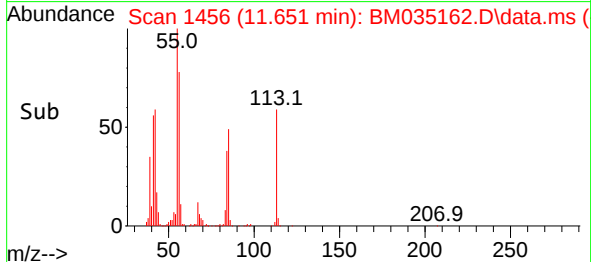
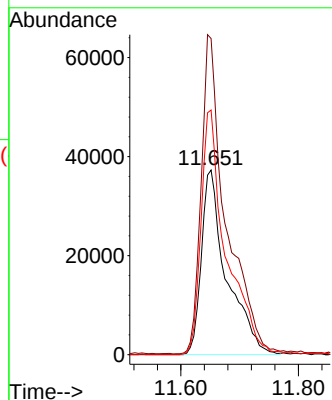
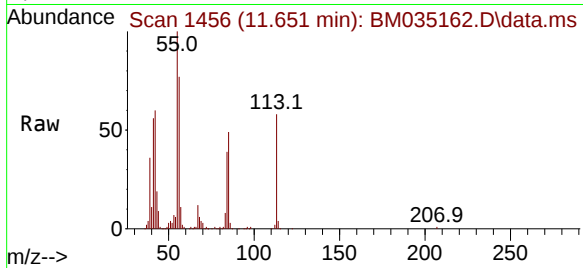




#35
 Caprolactam
 Concen: 46.833 ng
 RT: 11.651 min Scan# 1456
 Delta R.T. 0.000 min
 Lab File: BM035162.D
 Acq: 19 May 2022 20:58

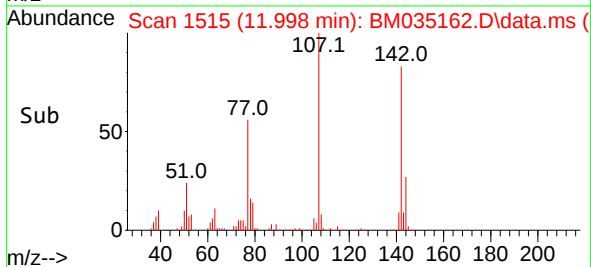
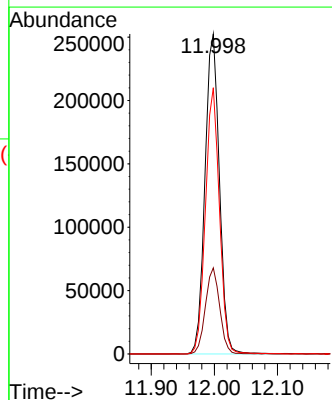
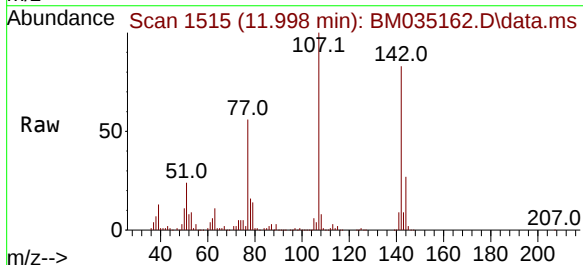
Instrument :
 BNA_M
 ClientSampleId :
 P017-SS001-1824-01MSD

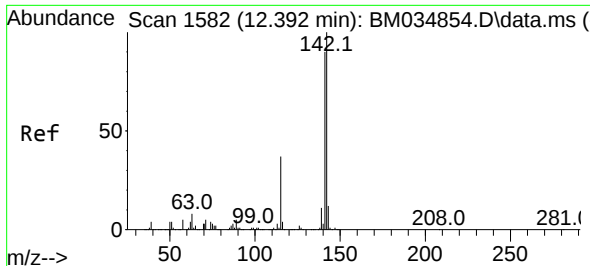
Tgt Ion:113 Resp: 111072
 Ion Ratio Lower Upper
 113 100
 55 171.3 150.1 190.1
 56 132.5 111.7 151.7



#36
 4-Chloro-3-methylphenol
 Concen: 47.120 ng
 RT: 11.998 min Scan# 1515
 Delta R.T. 0.006 min
 Lab File: BM035162.D
 Acq: 19 May 2022 20:58

Tgt Ion:107 Resp: 400382
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.4 32.0
 142 83.2 66.7 100.1

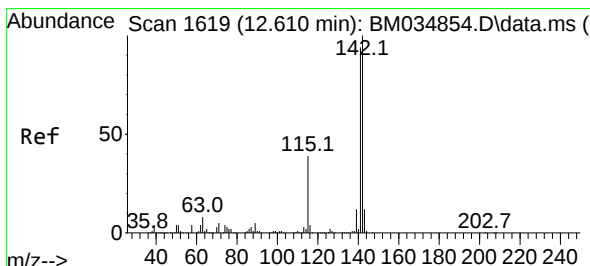
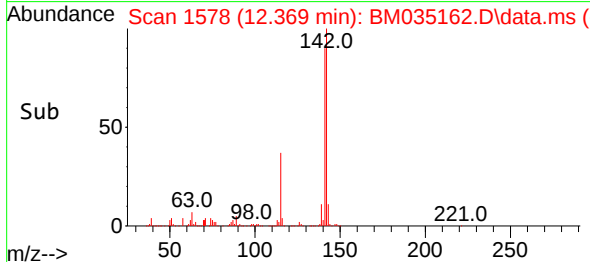
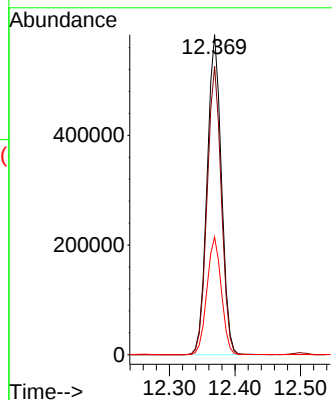
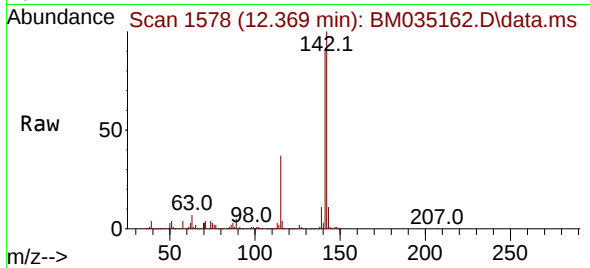




#37
2-Methylnaphthalene
Concen: 44.633 ng
RT: 12.369 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

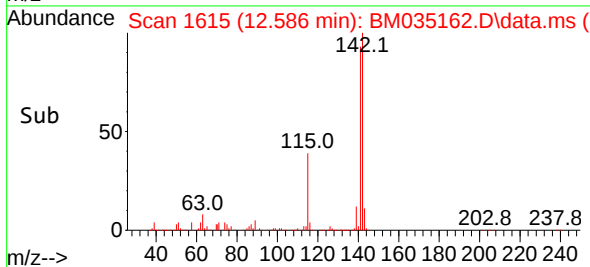
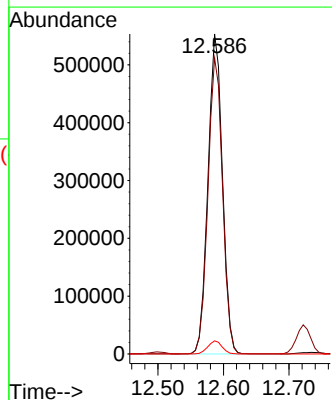
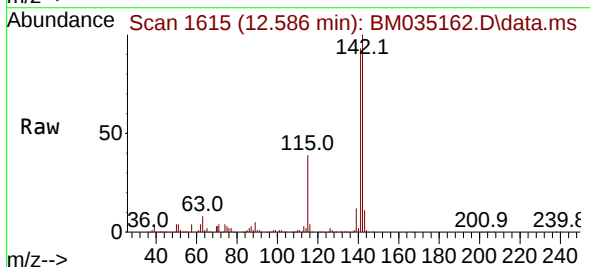
Instrument :
BNA_M
ClientSampleId :
P017-SS001-1824-01MSD

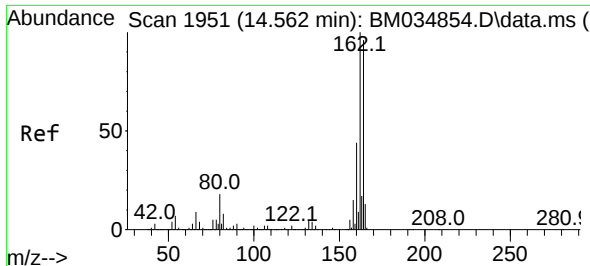
Tgt Ion:142 Resp: 886461
Ion Ratio Lower Upper
142 100
141 90.1 72.4 108.6
115 36.8 29.6 44.4



#38
1-Methylnaphthalene
Concen: 43.914 ng
RT: 12.586 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

Tgt Ion:142 Resp: 851729
Ion Ratio Lower Upper
142 100
141 92.5 75.0 112.4
116 4.1 3.4 5.2

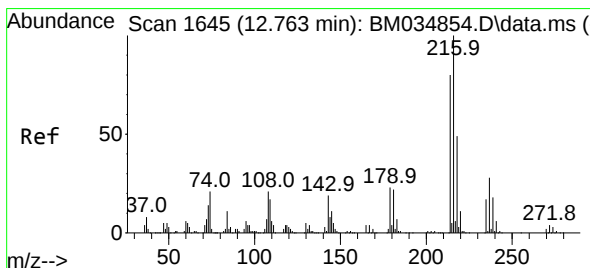
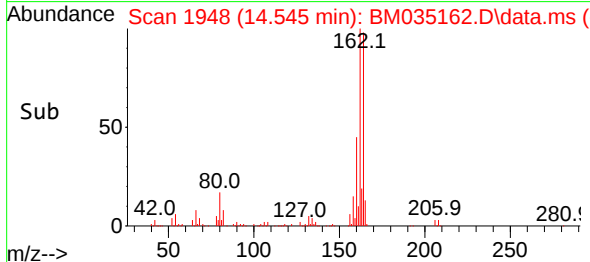
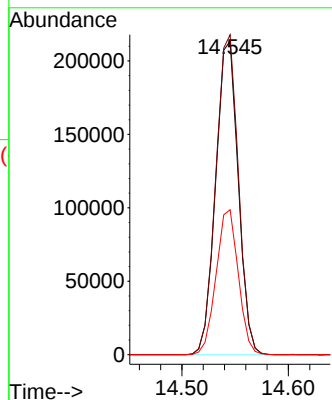
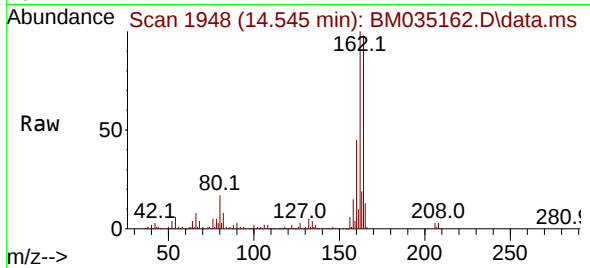




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

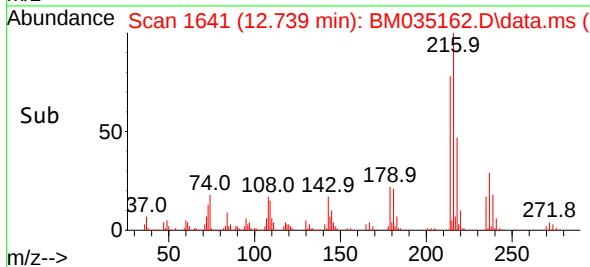
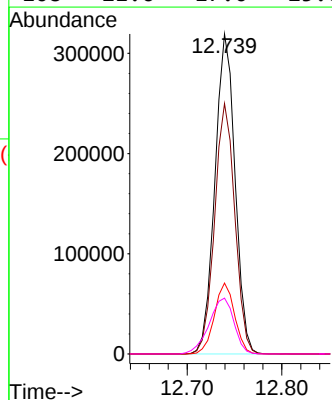
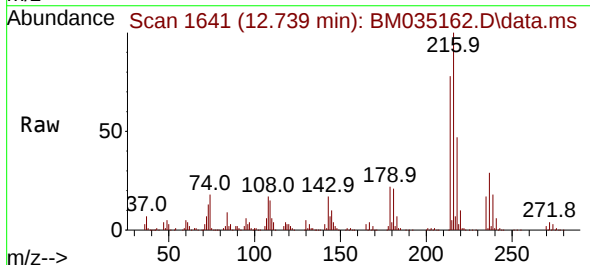
Instrument :
BNA_M
ClientSampleId :
P017-SS001-1824-01MSD

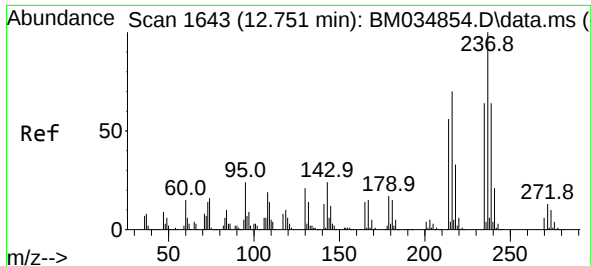
Tgt Ion:164 Resp: 312703
Ion Ratio Lower Upper
164 100
162 102.0 83.0 124.6
160 46.2 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.961 ng
RT: 12.739 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

Tgt Ion:216 Resp: 471566
Ion Ratio Lower Upper
216 100
214 78.6 62.6 94.0
179 22.3 18.2 27.2
108 21.6 17.0 25.6

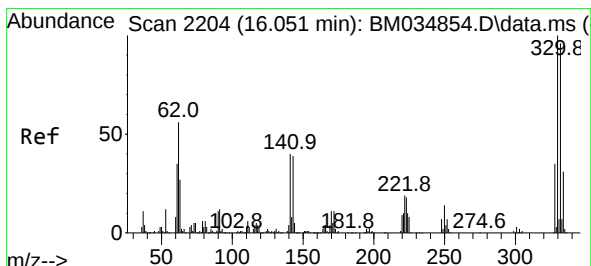
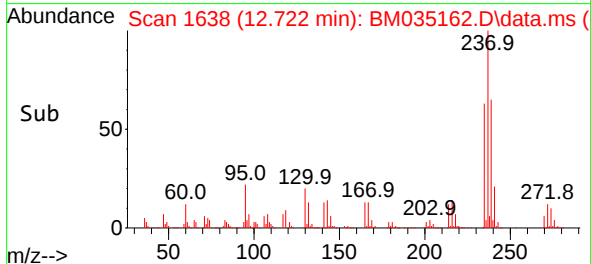
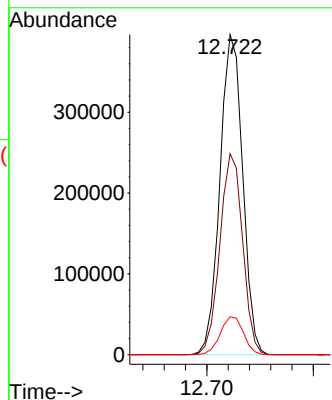
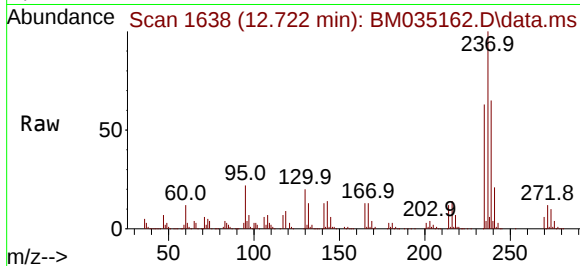




#41
Hexachlorocyclopentadiene
Concen: 110.100 ng
RT: 12.722 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

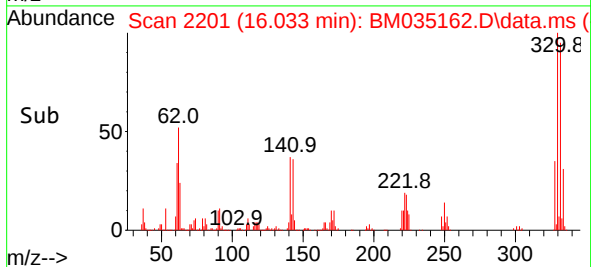
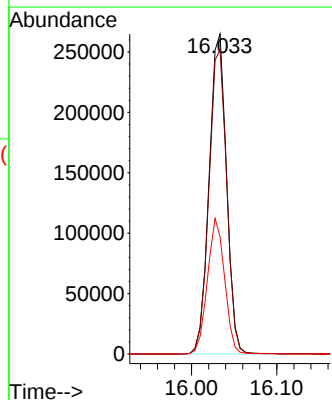
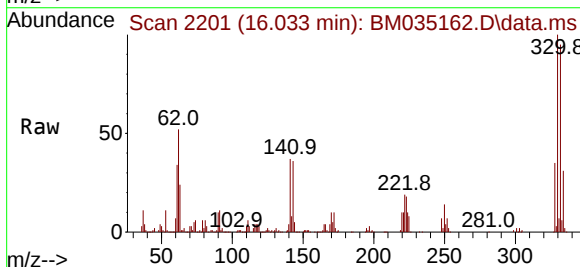
Instrument :
BNA_M
ClientSampleId :
P017-SS001-1824-01MSD

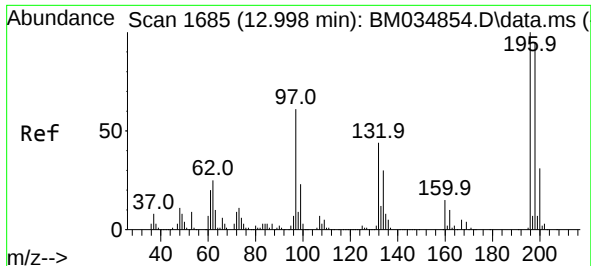
Tgt Ion:237 Resp: 586945
Ion Ratio Lower Upper
237 100
235 62.8 43.8 83.8
272 11.8 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 110.572 ng
RT: 16.033 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

Tgt Ion:330 Resp: 376118
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 41.8 35.3 52.9

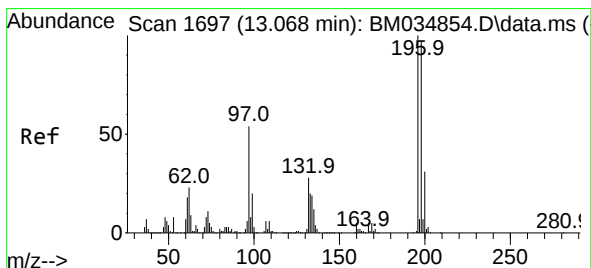
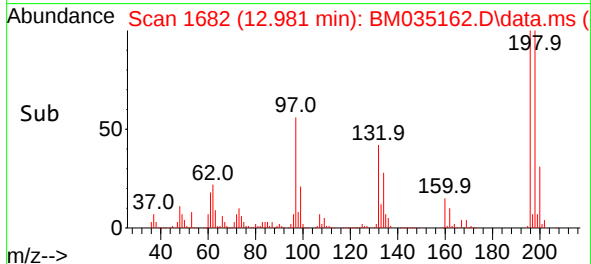
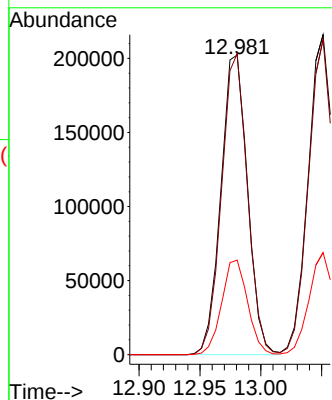
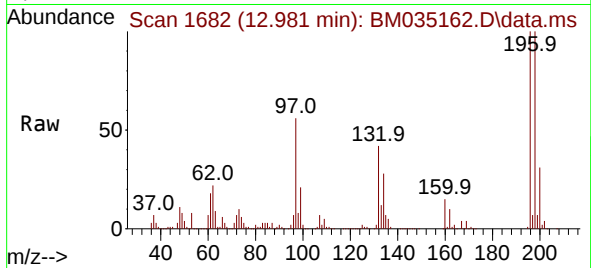




#43
2,4,6-Trichlorophenol
Concen: 51.235 ng
RT: 12.981 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

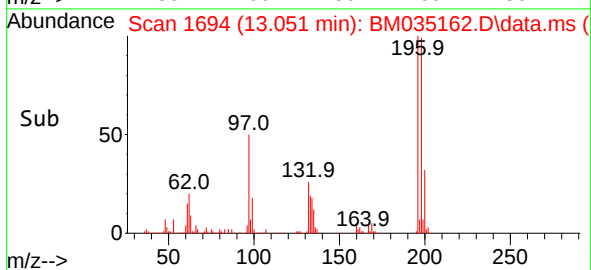
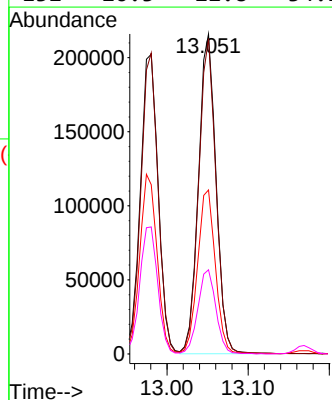
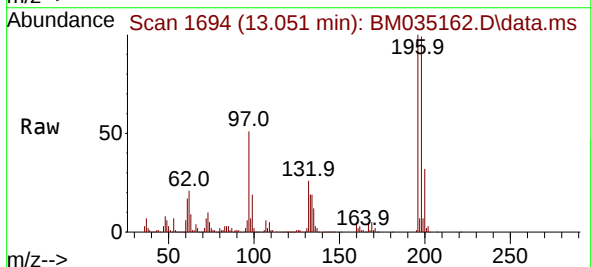
Instrument :
BNA_M
ClientSampleId :
P017-SS001-1824-01MSD

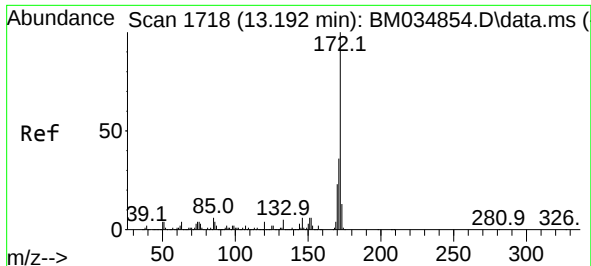
Tgt Ion:196 Resp: 308823
Ion Ratio Lower Upper
196 100
198 100.4 75.8 113.6
200 31.5 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 48.660 ng
RT: 13.051 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

Tgt Ion:196 Resp: 325703
Ion Ratio Lower Upper
196 100
198 98.5 77.8 116.6
97 51.3 43.4 65.2
132 26.3 22.8 34.2

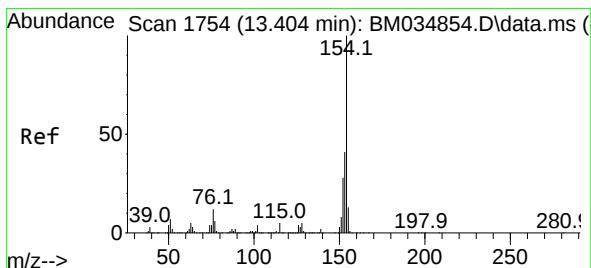
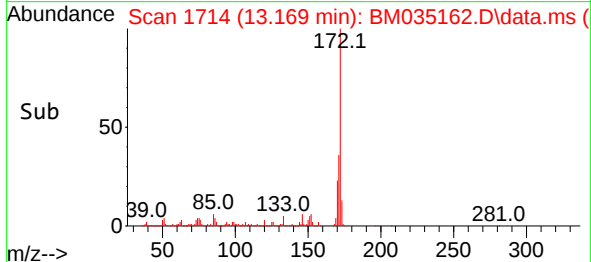
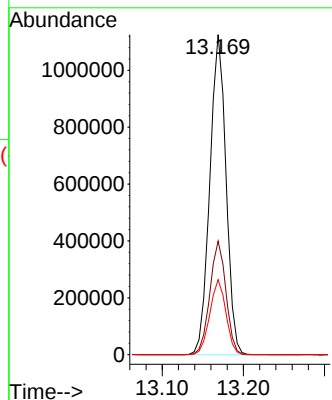
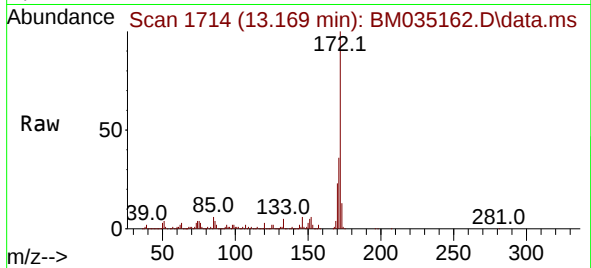




#45
2-Fluorobiphenyl
Concen: 72.235 ng
RT: 13.169 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

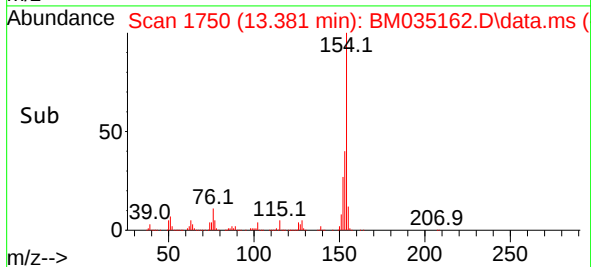
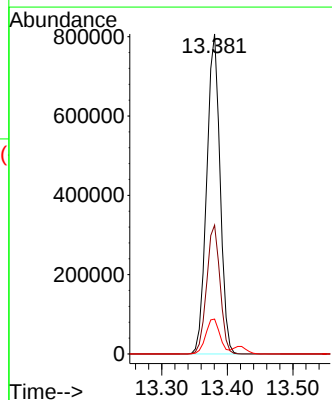
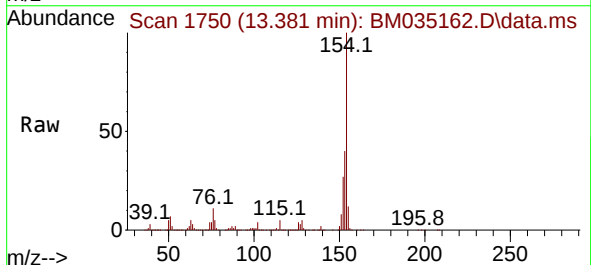
Instrument :
BNA_M
ClientSampleId :
P017-SS001-1824-01MSD

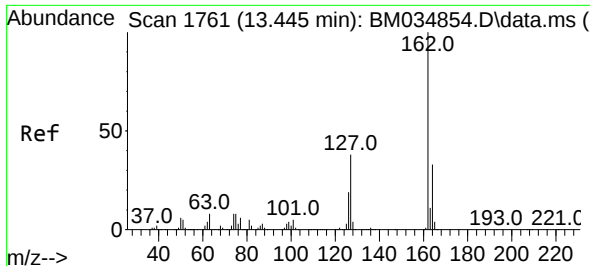
Tgt Ion:172 Resp: 1556002
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.4 18.7 28.1



#46
1,1'-Biphenyl
Concen: 48.526 ng
RT: 13.381 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

Tgt Ion:154 Resp: 1143177
Ion Ratio Lower Upper
154 100
153 40.2 20.5 60.5
76 10.9 0.0 31.8

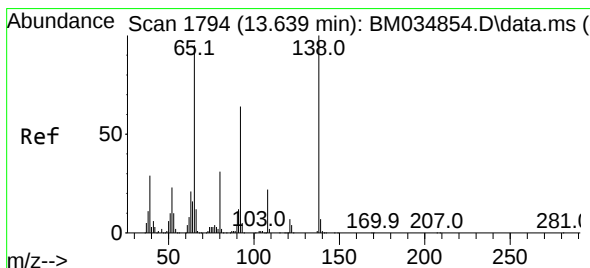
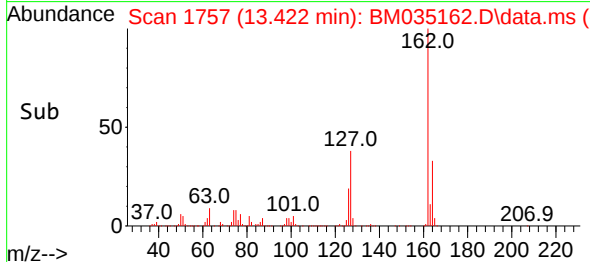
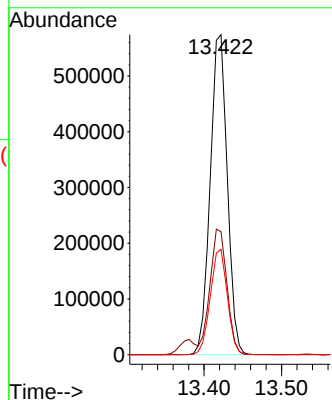
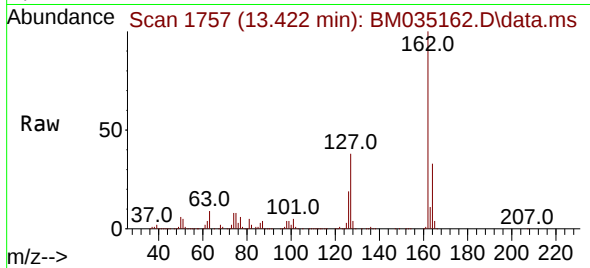




#47
2-Chloronaphthalene
Concen: 47.883 ng
RT: 13.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

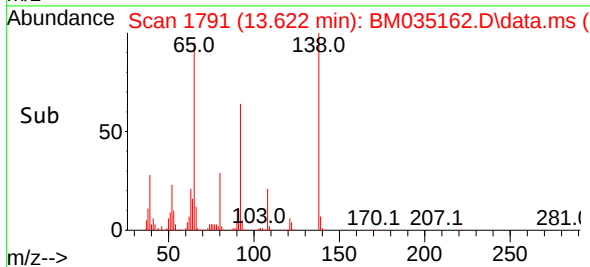
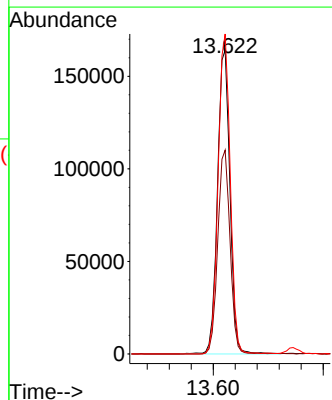
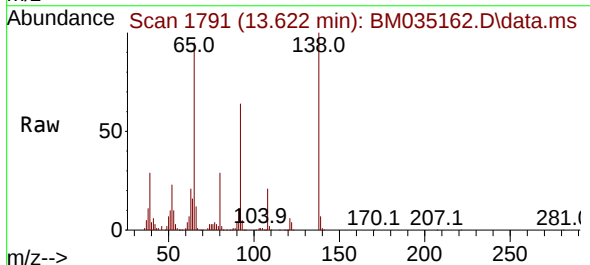
Instrument :
BNA_M
ClientSampleId :
P017-SS001-1824-01MSD

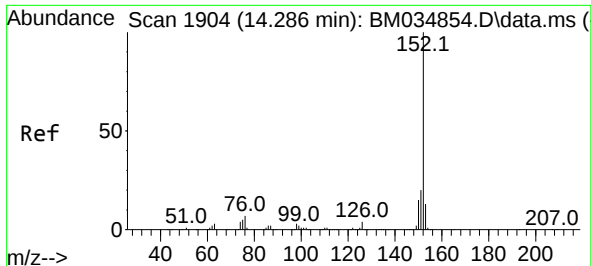
Tgt Ion:162 Resp: 879104
Ion Ratio Lower Upper
162 100
127 38.4 30.6 45.8
164 32.9 26.6 39.8



#48
2-Nitroaniline
Concen: 48.838 ng
RT: 13.622 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

Tgt Ion: 65 Resp: 257930
Ion Ratio Lower Upper
65 100
92 67.1 53.7 80.5
138 105.3 83.9 125.9

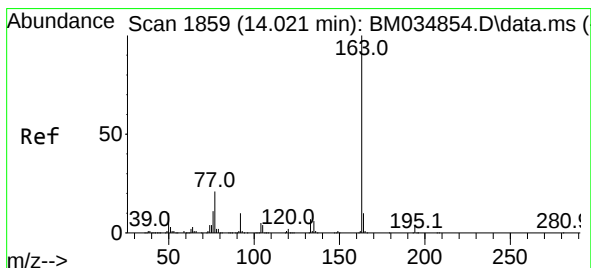
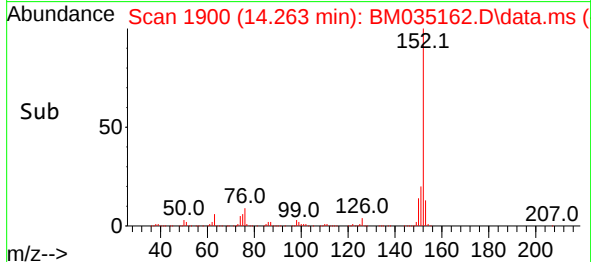
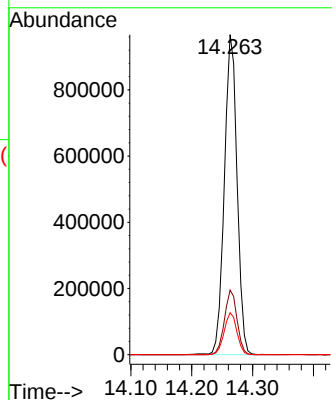
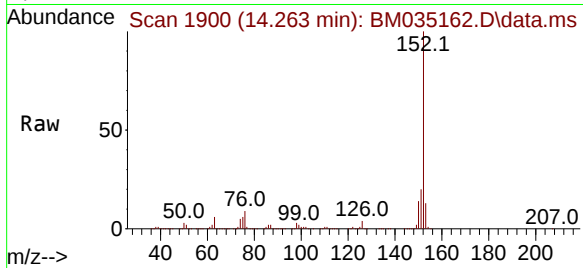




#49
Acenaphthylene
Concen: 49.540 ng
RT: 14.263 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

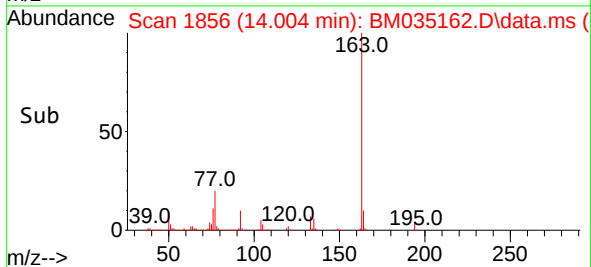
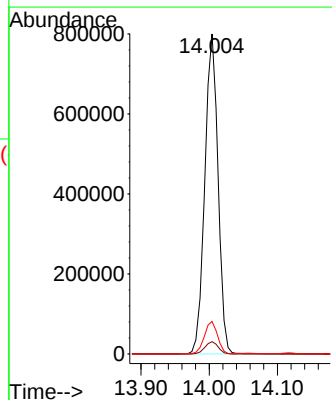
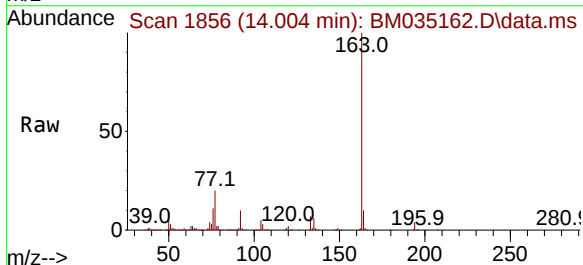
Instrument :
BNA_M
ClientSampleId :
P017-SS001-1824-01MSD

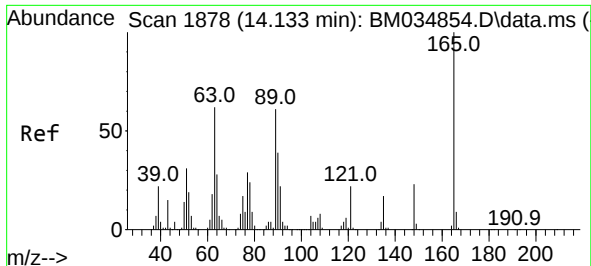
Tgt Ion:152 Resp: 1400286
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.1 10.5 15.7



#50
Dimethylphthalate
Concen: 46.163 ng
RT: 14.004 min Scan# 1856
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

Tgt Ion:163 Resp: 1076211
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.2 8.4 12.6

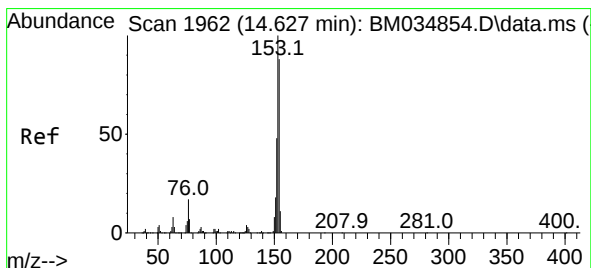
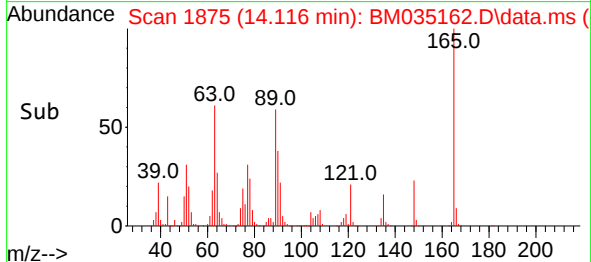
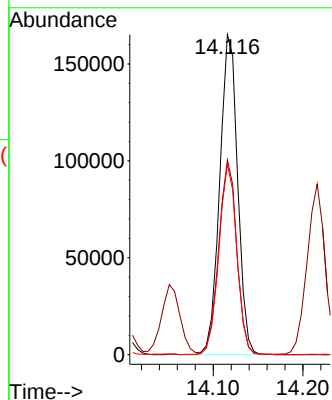
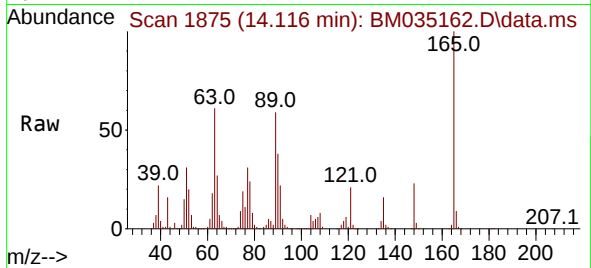




#51
2,6-Dinitrotoluene
Concen: 48.188 ng
RT: 14.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

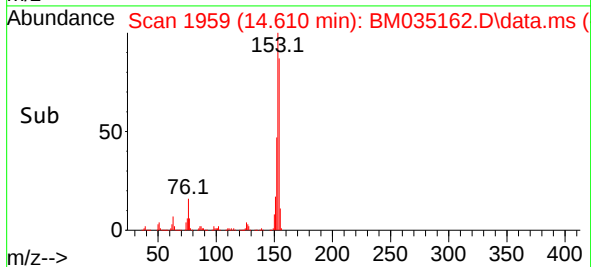
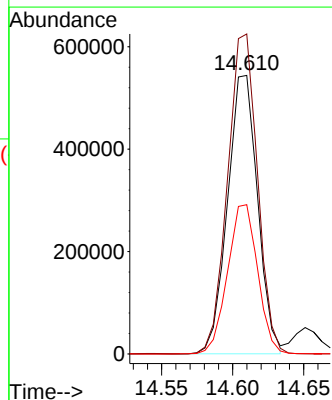
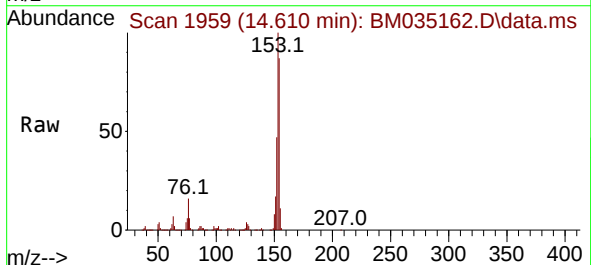
Instrument :
BNA_M
ClientSampleId :
P017-SS001-1824-01MSD

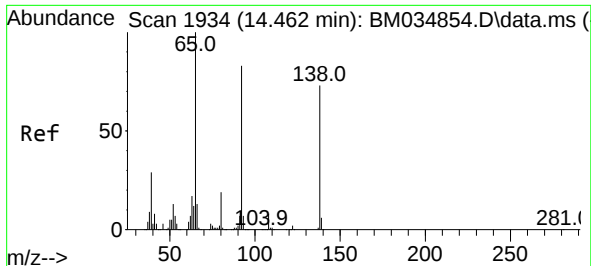
Tgt Ion:165 Resp: 228728
Ion Ratio Lower Upper
165 100
63 60.8 50.2 75.2
89 59.4 48.4 72.6



#52
Acenaphthene
Concen: 41.805 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

Tgt Ion:154 Resp: 800582
Ion Ratio Lower Upper
154 100
153 114.9 91.0 136.6
152 53.6 43.4 65.2

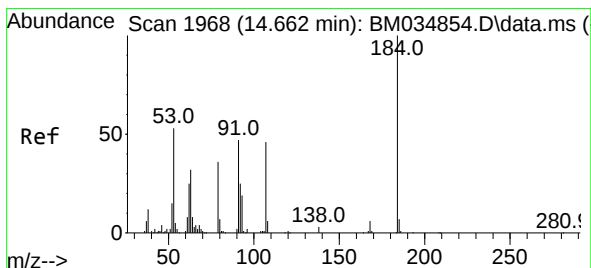
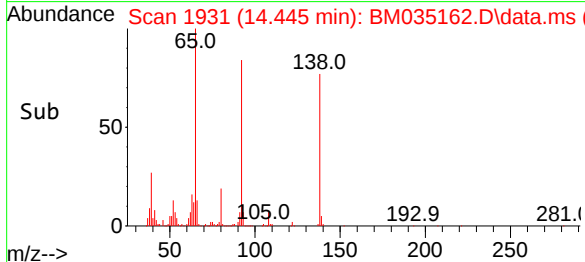
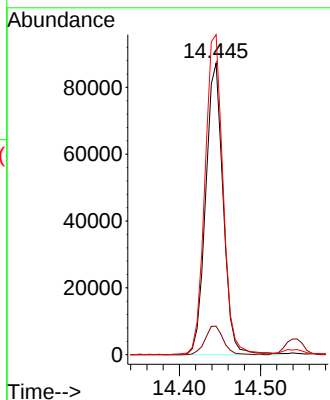
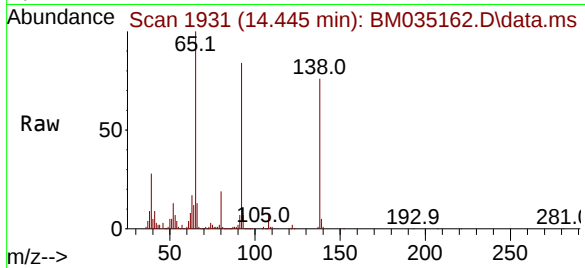




#53
3-Nitroaniline
Concen: 25.563 ng
RT: 14.445 min Scan# 1931
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

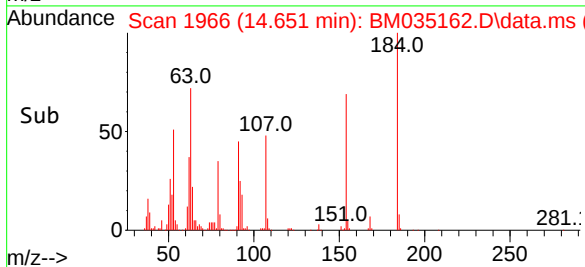
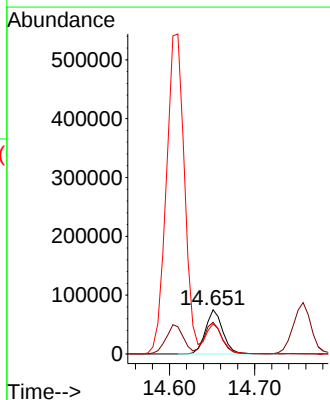
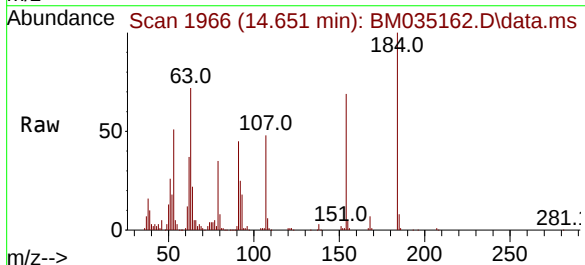
Instrument :
BNA_M
ClientSampleId :
P017-SS001-1824-01MSD

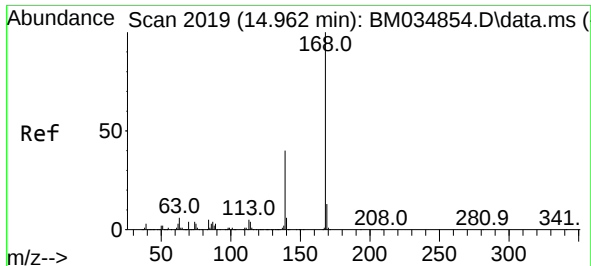
Tgt Ion:138 Resp: 130186
Ion Ratio Lower Upper
138 100
108 9.8 8.7 13.1
92 109.7 91.5 137.3



#54
2,4-Dinitrophenol
Concen: 37.867 ng
RT: 14.651 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

Tgt Ion:184 Resp: 105721
Ion Ratio Lower Upper
184 100
63 71.8 59.5 89.3
154 68.6 55.6 83.4

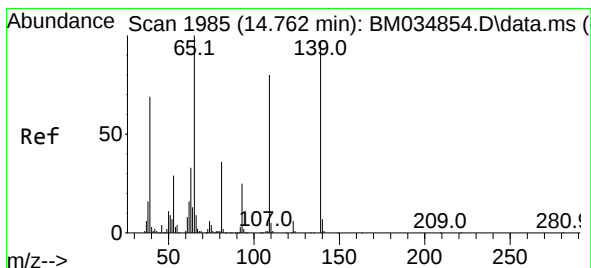
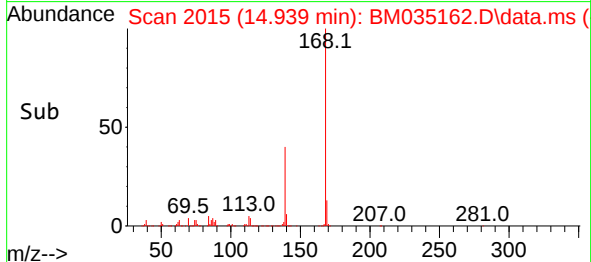
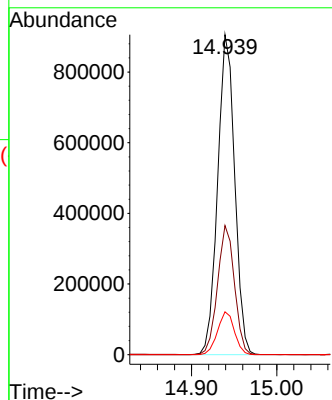
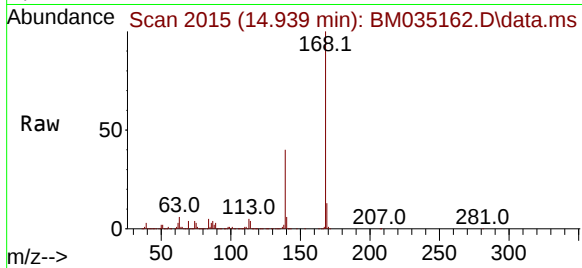




#55
Dibenzenofuran
Concen: 46.039 ng
RT: 14.939 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

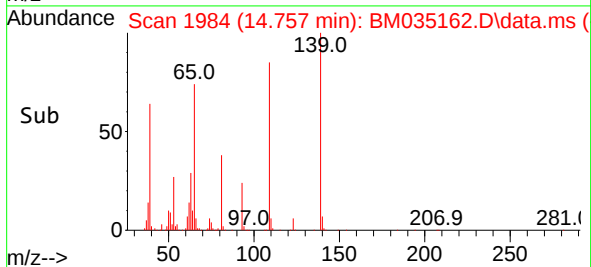
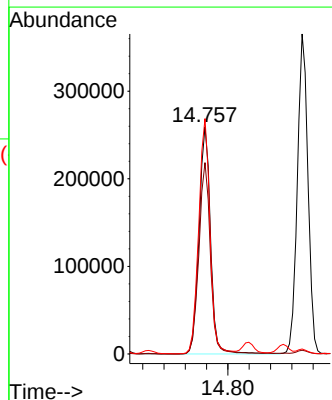
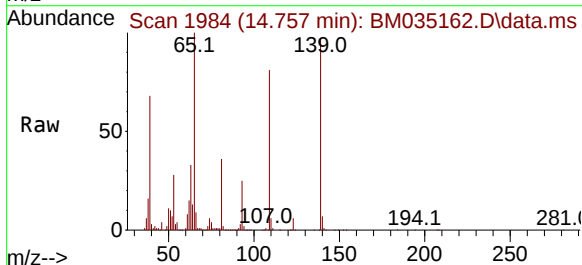
Instrument :
BNA_M
ClientSampleId :
P017-SS001-1824-01MSD

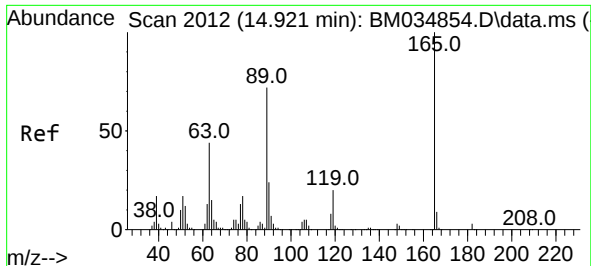
Tgt Ion:168 Resp: 1258683
Ion Ratio Lower Upper
168 100
139 40.3 32.2 48.2
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 93.475 ng
RT: 14.757 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

Tgt Ion:139 Resp: 388825
Ion Ratio Lower Upper
139 100
109 84.2 62.5 102.5
65 103.6 83.5 123.5





#57

2,4-Dinitrotoluene

Concen: 48.516 ng

RT: 14.904 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BM035162.D

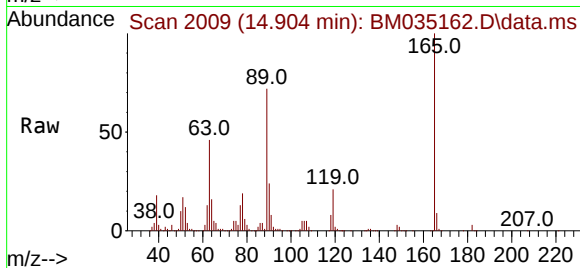
Acq: 19 May 2022 20:58

Instrument :

BNA_M

ClientSampleId :

P017-SS001-1824-01MSD



Tgt Ion:165 Resp: 308678

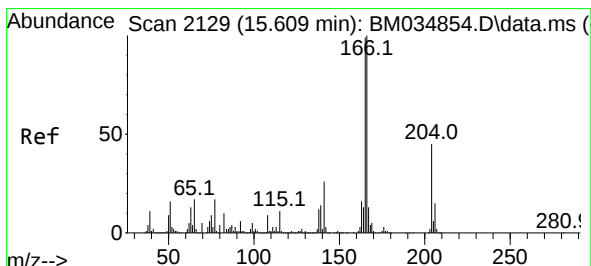
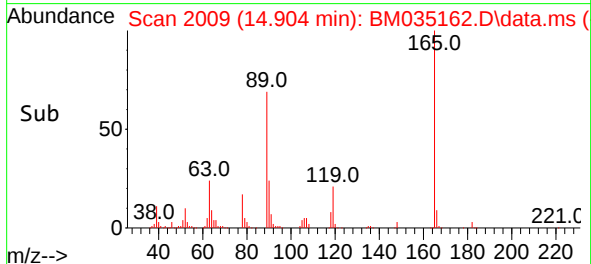
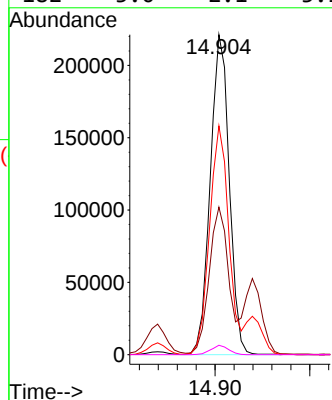
Ion Ratio Lower Upper

165 100

63 46.1 35.6 53.4

89 71.5 57.3 85.9

182 3.0 2.1 3.1



#58

Fluorene

Concen: 44.963 ng

RT: 15.592 min Scan# 2126

Delta R.T. 0.000 min

Lab File: BM035162.D

Acq: 19 May 2022 20:58

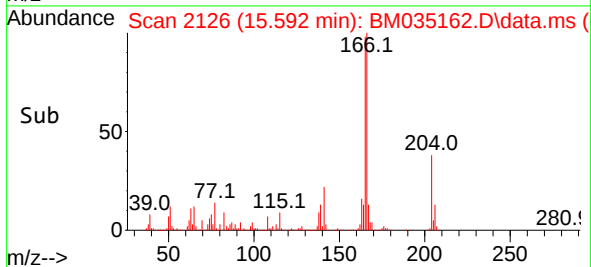
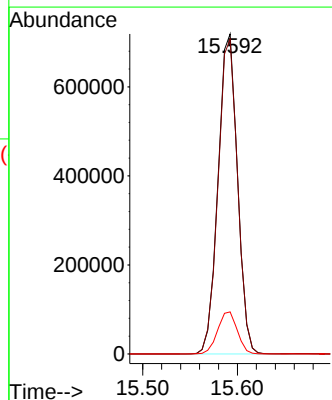
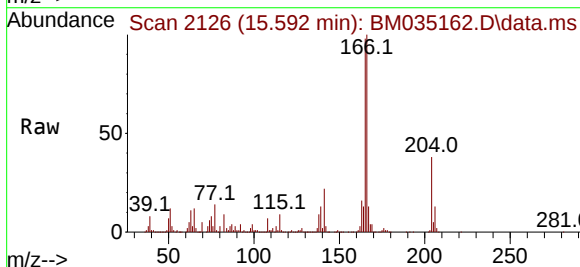
Tgt Ion:166 Resp: 1021112

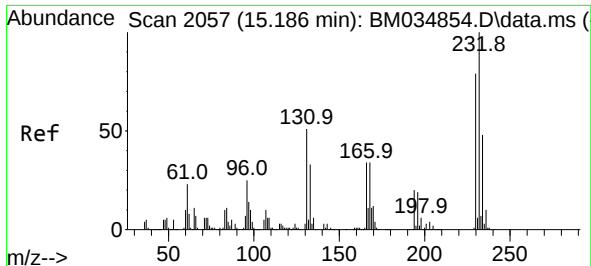
Ion Ratio Lower Upper

166 100

165 98.4 79.4 119.2

167 13.2 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.905 ng

RT: 15.169 min Scan# 2054

Delta R.T. 0.000 min

Lab File: BM035162.D

Acq: 19 May 2022 20:58

Instrument :

BNA_M

ClientSampleId :

P017-SS001-1824-01MSD

Tgt Ion:232 Resp: 261217

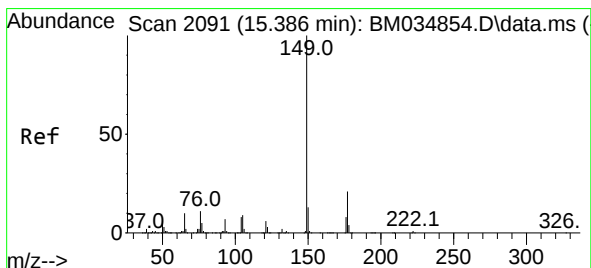
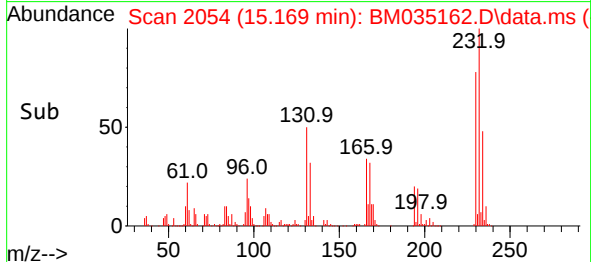
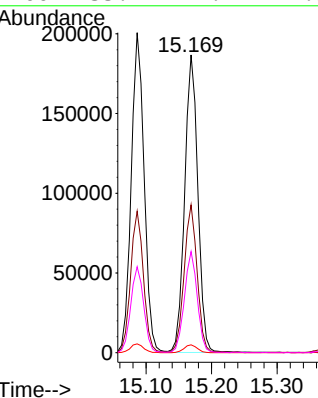
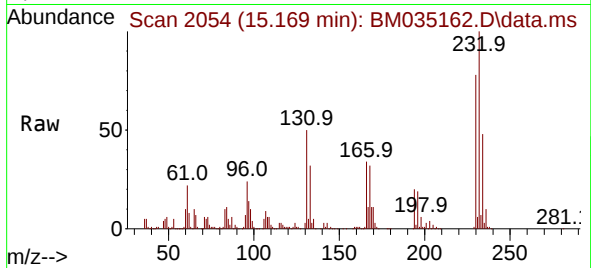
Ion Ratio Lower Upper

232 100

131 49.2 41.0 61.6

130 2.6 2.3 3.5

166 33.4 27.7 41.5



#60

Diethylphthalate

Concen: 44.458 ng

RT: 15.369 min Scan# 2088

Delta R.T. 0.000 min

Lab File: BM035162.D

Acq: 19 May 2022 20:58

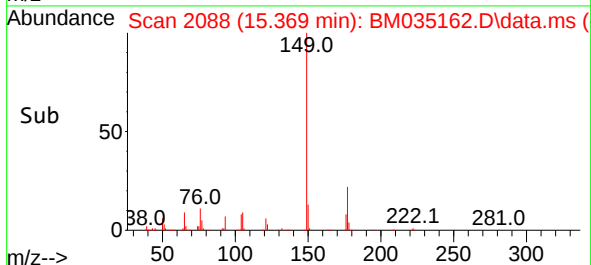
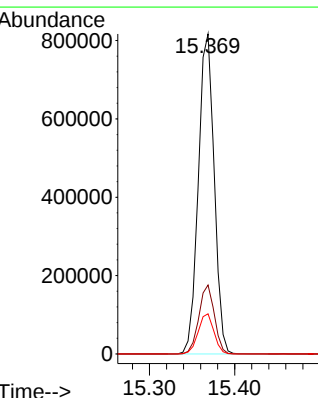
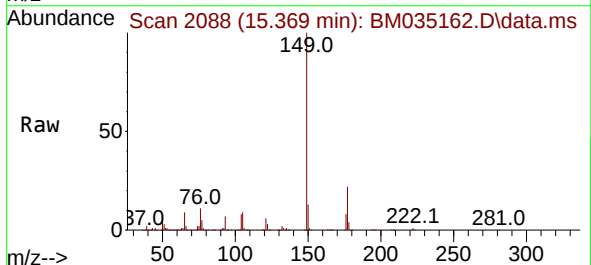
Tgt Ion:149 Resp: 1055657

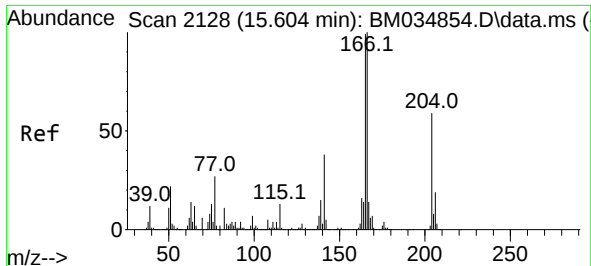
Ion Ratio Lower Upper

149 100

177 21.6 16.9 25.3

150 12.5 10.1 15.1

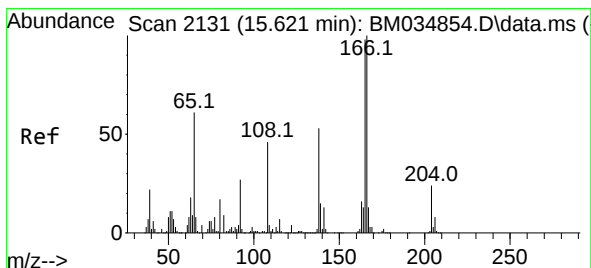
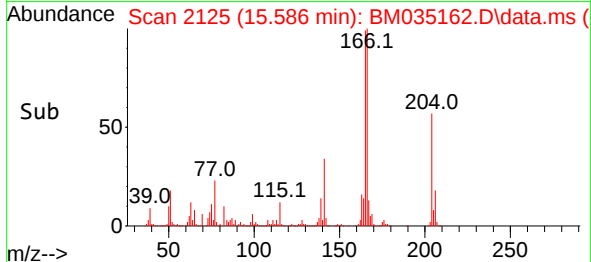
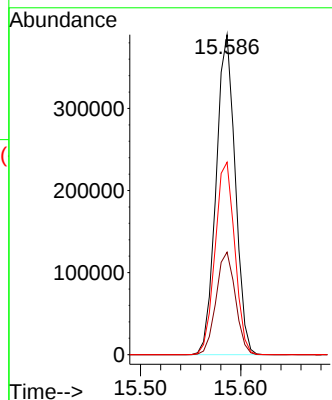
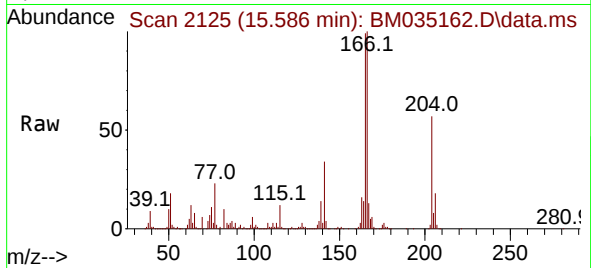




#61
4-Chlorophenyl-phenylether
Concen: 47.366 ng
RT: 15.586 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

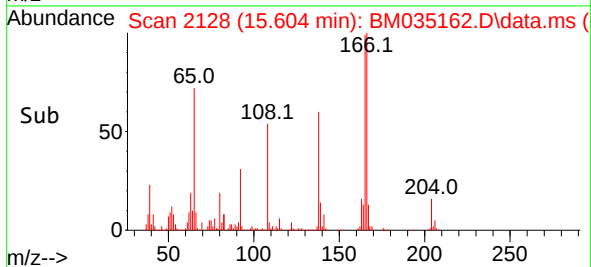
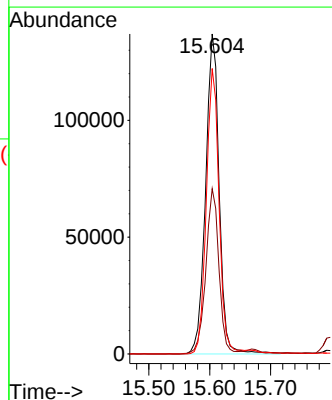
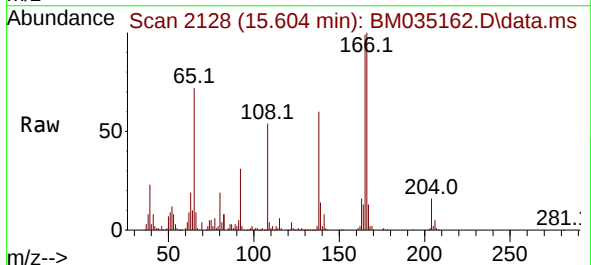
Instrument :
BNA_M
ClientSampleId :
P017-SS001-1824-01MSD

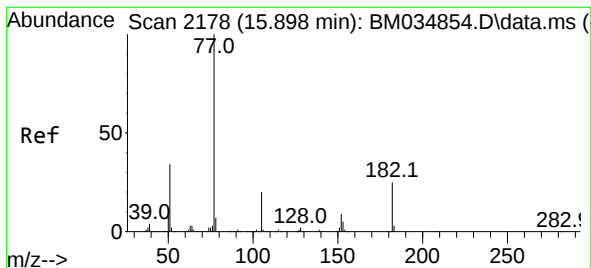
Tgt Ion:204 Resp: 514788
Ion Ratio Lower Upper
204 100
206 32.0 26.3 39.5
141 60.1 51.2 76.8



#62
4-Nitroaniline
Concen: 40.214 ng
RT: 15.604 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

Tgt Ion:138 Resp: 212065
Ion Ratio Lower Upper
138 100
92 51.6 30.8 70.8
108 89.2 65.7 105.7





#63

Azobenzene

Concen: 44.326 ng

RT: 15.874 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035162.D

Acq: 19 May 2022 20:58

Instrument :

BNA_M

ClientSampleId :

P017-SS001-1824-01MSD

Tgt Ion: 77 Resp: 959961

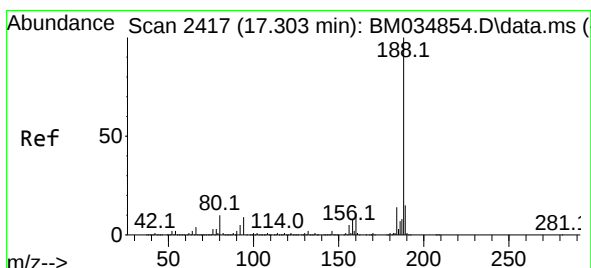
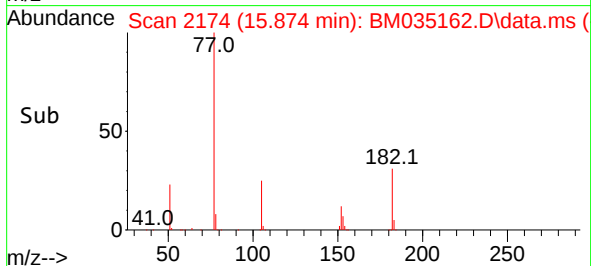
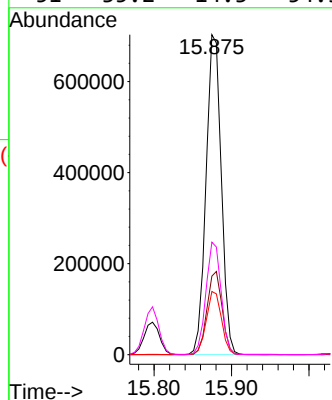
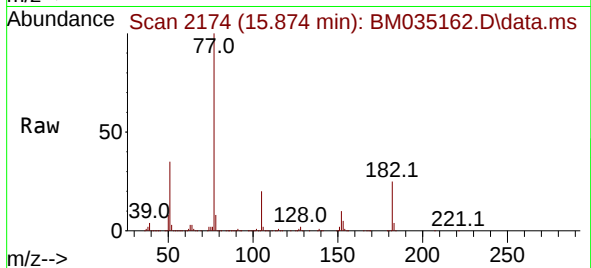
Ion Ratio Lower Upper

77 100

182 24.6 4.9 44.9

105 19.8 0.0 39.6

51 35.2 14.3 54.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.286 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BM035162.D

Acq: 19 May 2022 20:58

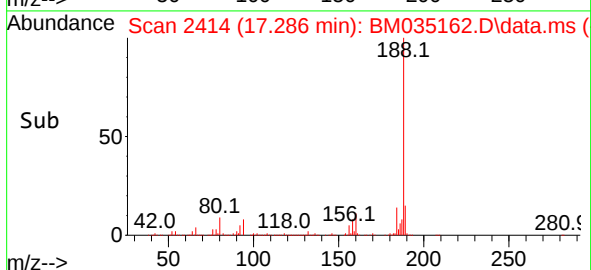
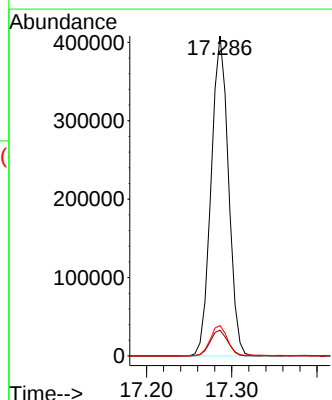
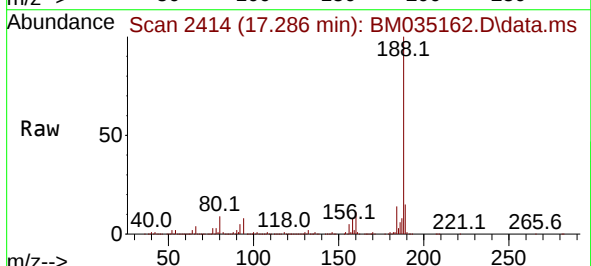
Tgt Ion:188 Resp: 577734

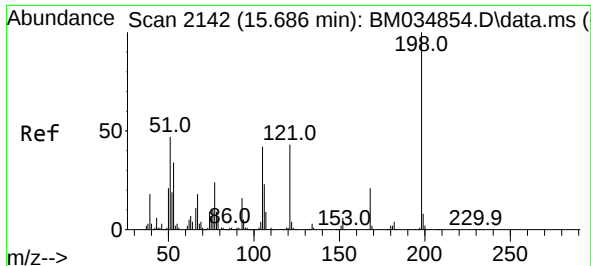
Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.4

80 9.5 7.6 11.4

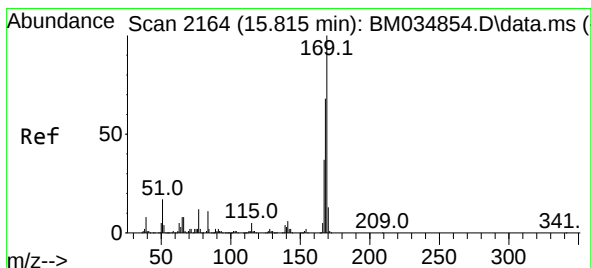
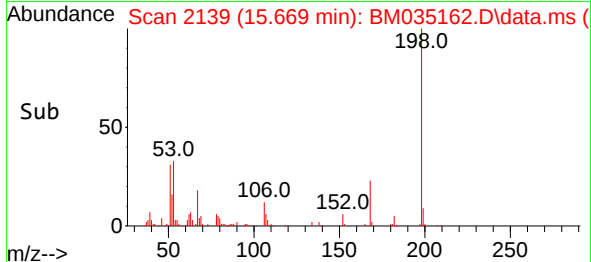
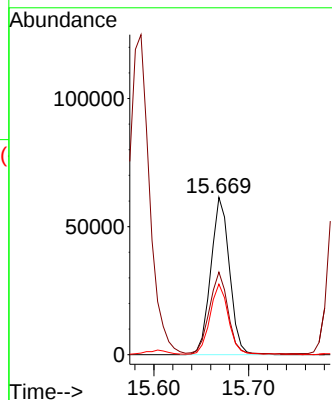
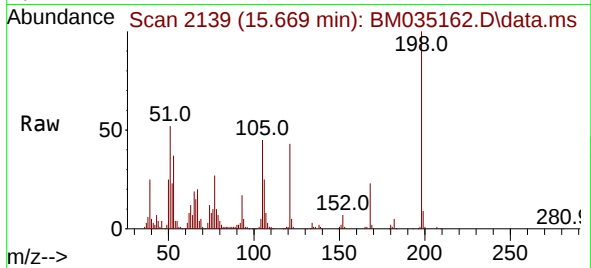




#65
4,6-Dinitro-2-methylphenol
Concen: 24.304 ng
RT: 15.669 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

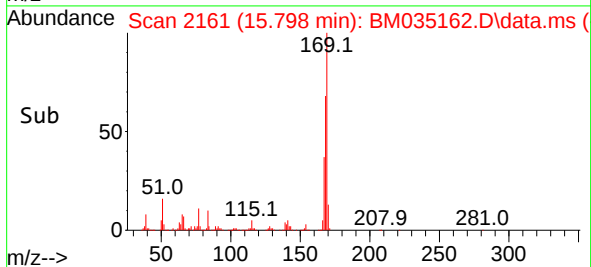
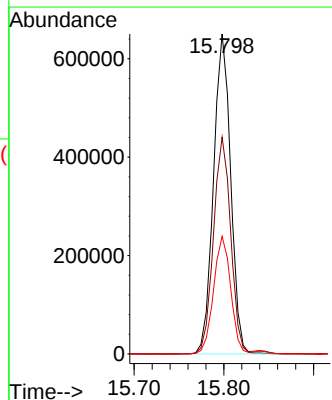
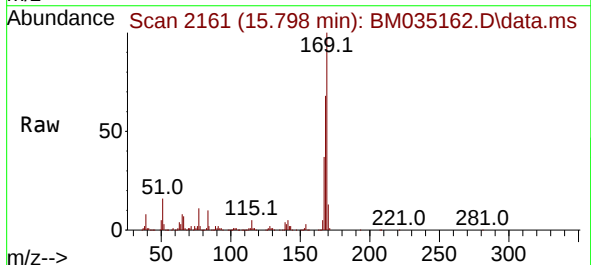
Instrument :
BNA_M
ClientSampleId :
P017-SS001-1824-01MSD

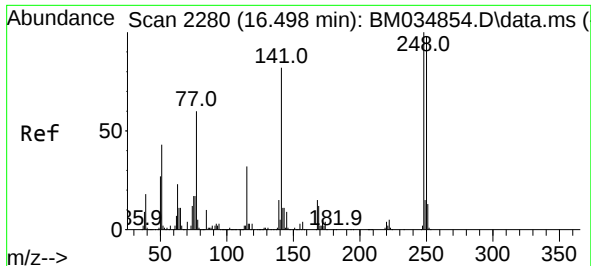
Tgt Ion:198 Resp: 83937
Ion Ratio Lower Upper
198 100
51 52.5 29.0 69.0
105 44.9 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 49.263 ng
RT: 15.798 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

Tgt Ion:169 Resp: 862550
Ion Ratio Lower Upper
169 100
168 67.8 54.3 81.5
167 36.7 29.4 44.0

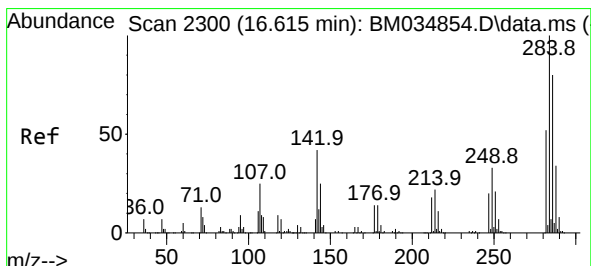
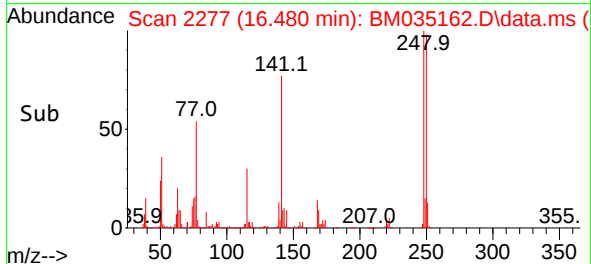
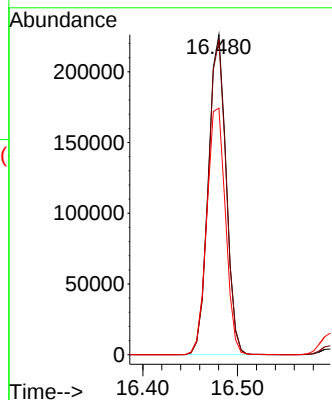
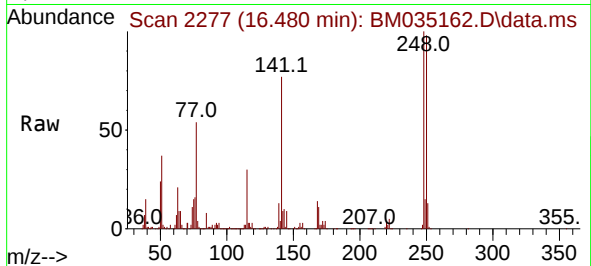




#67
4-Bromophenyl-phenylether
Concen: 50.343 ng
RT: 16.480 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

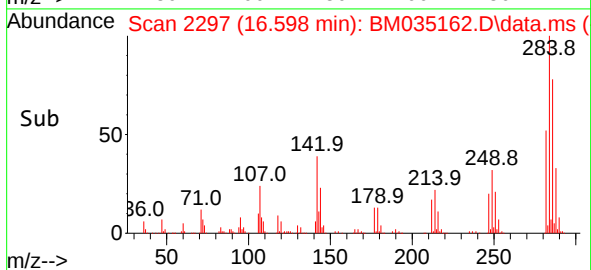
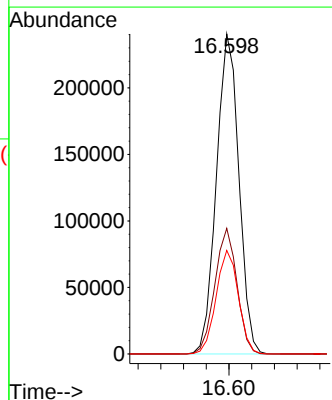
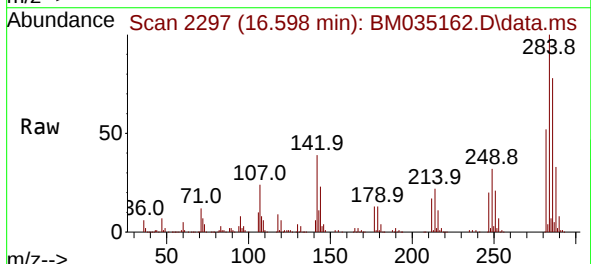
Instrument :
BNA_M
ClientSampleId :
P017-SS001-1824-01MSD

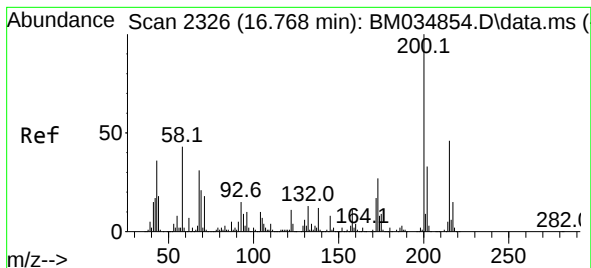
Tgt Ion:248 Resp: 295647
Ion Ratio Lower Upper
248 100
250 98.2 78.0 117.0
141 77.1 66.0 99.0



#68
Hexachlorobenzene
Concen: 49.881 ng
RT: 16.598 min Scan# 2297
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

Tgt Ion:284 Resp: 330721
Ion Ratio Lower Upper
284 100
142 39.2 33.6 50.4
249 32.4 26.2 39.2





#69

Atrazine

Concen: 49.758 ng

RT: 16.751 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM035162.D

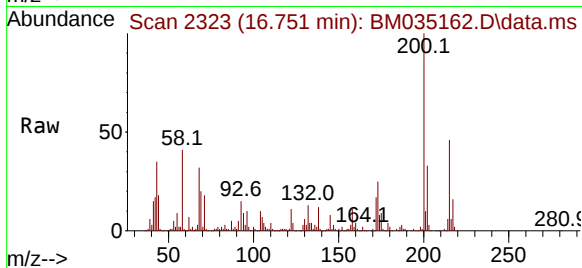
Acq: 19 May 2022 20:58

Instrument :

BNA_M

ClientSampleId :

P017-SS001-1824-01MSD



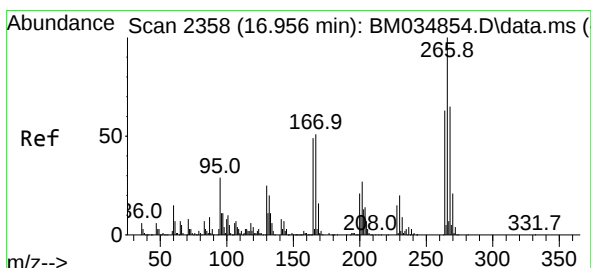
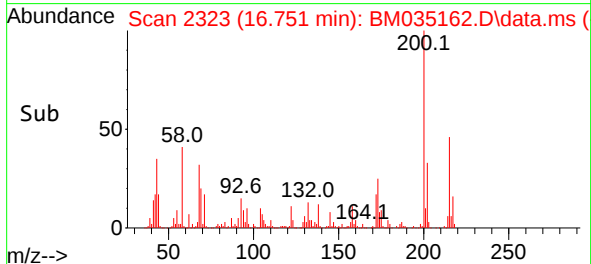
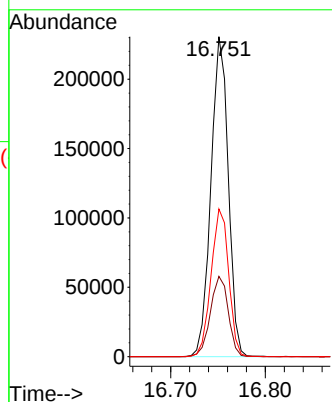
Tgt Ion:200 Resp: 292488

Ion Ratio Lower Upper

200 100

173 25.1 6.6 46.6

215 46.1 26.2 66.2



#70

Pentachlorophenol

Concen: 106.086 ng

RT: 16.939 min Scan# 2355

Delta R.T. 0.000 min

Lab File: BM035162.D

Acq: 19 May 2022 20:58

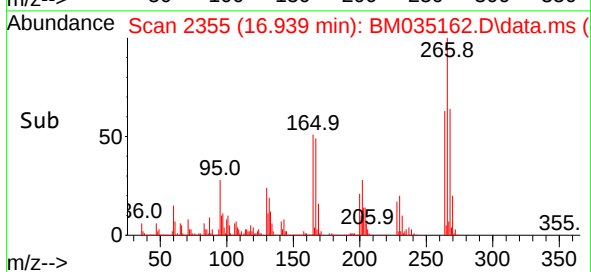
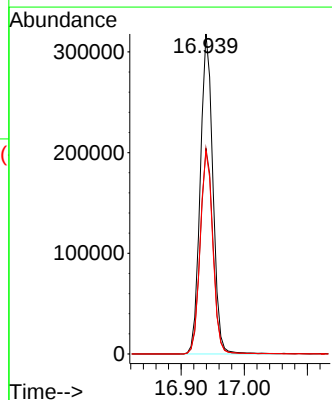
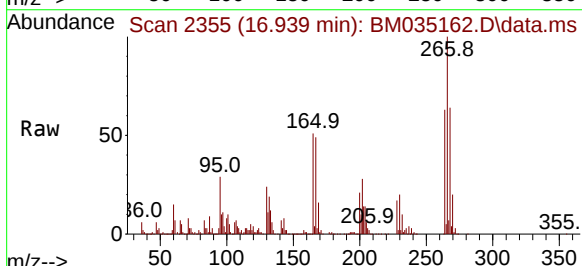
Tgt Ion:266 Resp: 440709

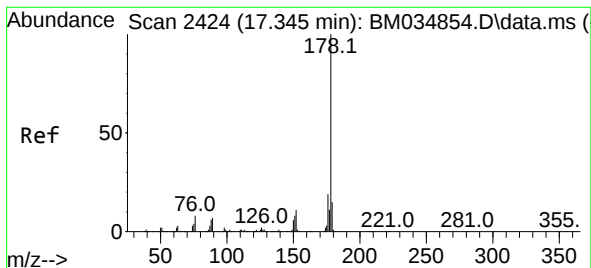
Ion Ratio Lower Upper

266 100

268 64.3 51.9 77.9

264 63.4 50.6 76.0





#71

Phenanthrene

Concen: 45.692 ng

RT: 17.327 min Scan# 2421

Delta R.T. 0.000 min

Lab File: BM035162.D

Acq: 19 May 2022 20:58

Instrument :

BNA_M

ClientSampleId :

P017-SS001-1824-01MSD

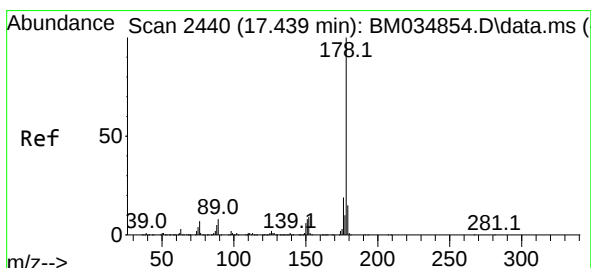
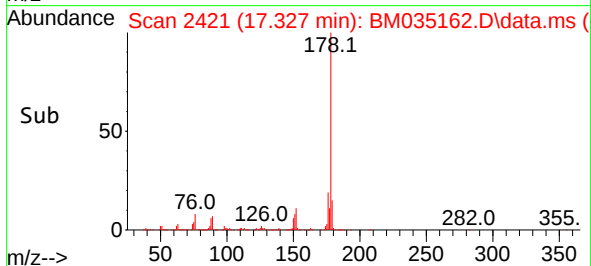
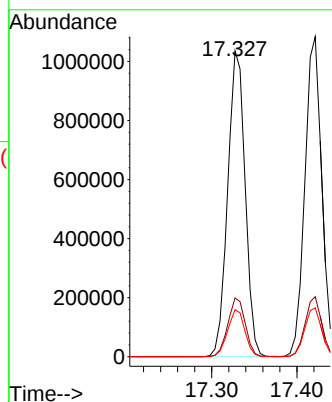
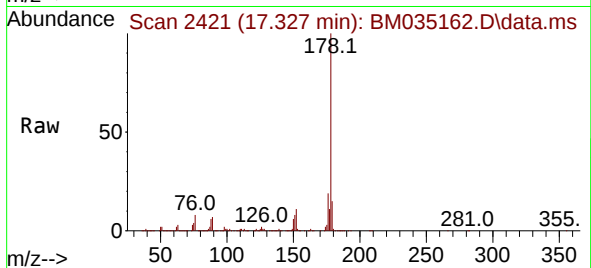
Tgt Ion:178 Resp: 1471226

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.4 12.4 18.6



#72

Anthracene

Concen: 47.973 ng

RT: 17.421 min Scan# 2437

Delta R.T. 0.000 min

Lab File: BM035162.D

Acq: 19 May 2022 20:58

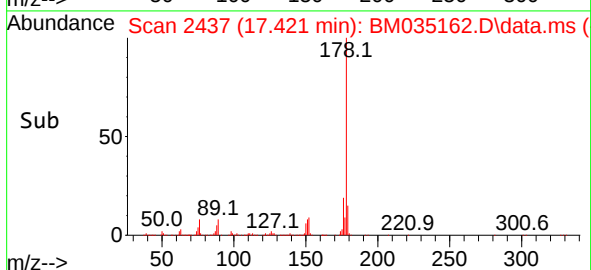
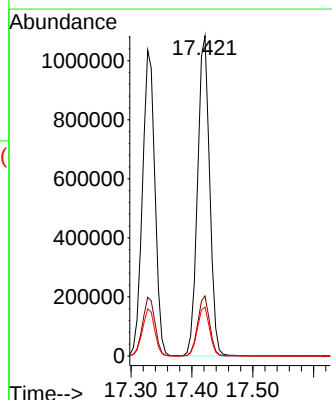
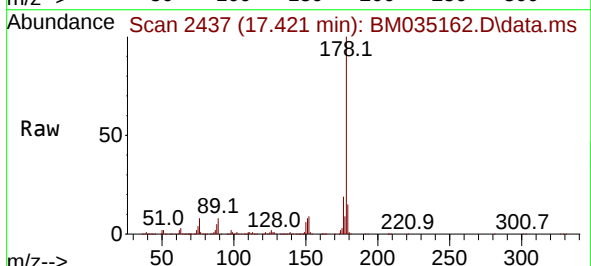
Tgt Ion:178 Resp: 1491522

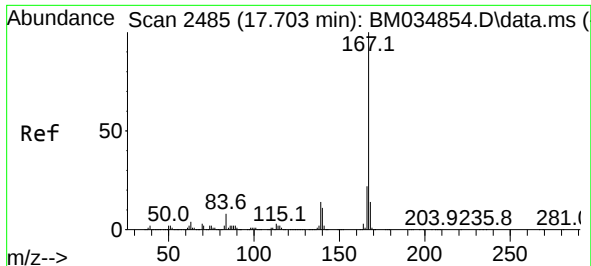
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.3 12.2 18.2

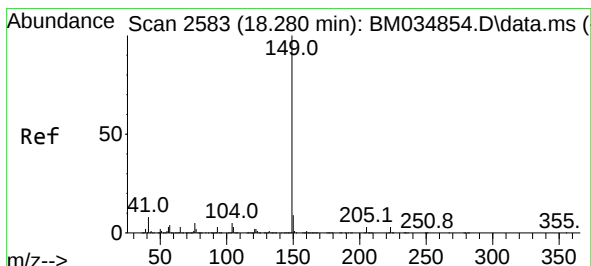
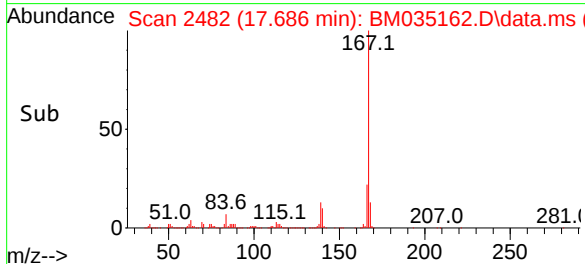
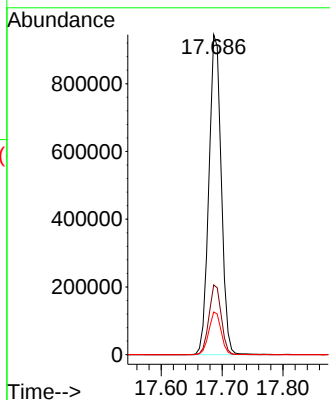
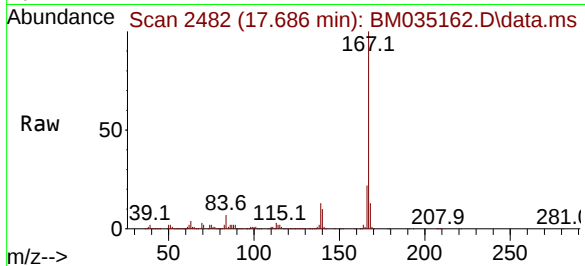




#73
 Carbazole
 Concen: 46.937 ng
 RT: 17.686 min Scan# 2482
 Delta R.T. 0.000 min
 Lab File: BM035162.D
 Acq: 19 May 2022 20:58

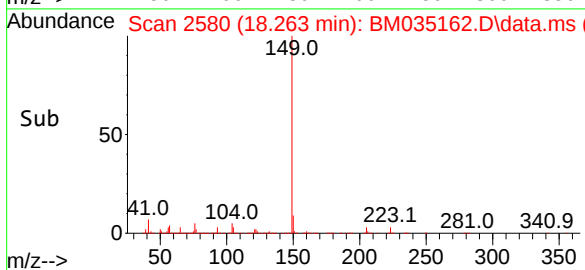
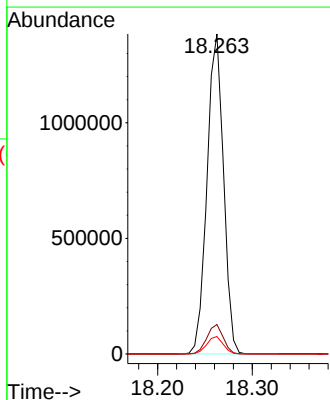
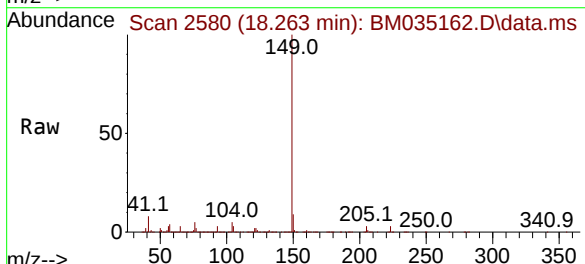
Instrument :
 BNA_M
 ClientSampleId :
 P017-SS001-1824-01MSD

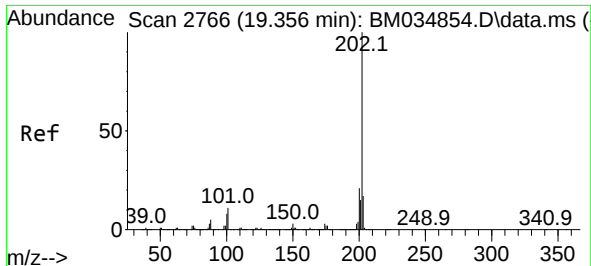
Tgt Ion:167 Resp: 1332776
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.8
 139 13.3 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 46.228 ng
 RT: 18.263 min Scan# 2580
 Delta R.T. 0.000 min
 Lab File: BM035162.D
 Acq: 19 May 2022 20:58

Tgt Ion:149 Resp: 1670171
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.4 4.3 6.5

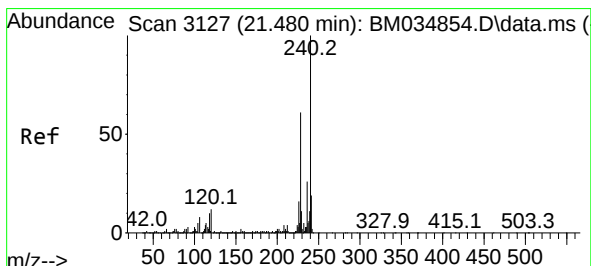
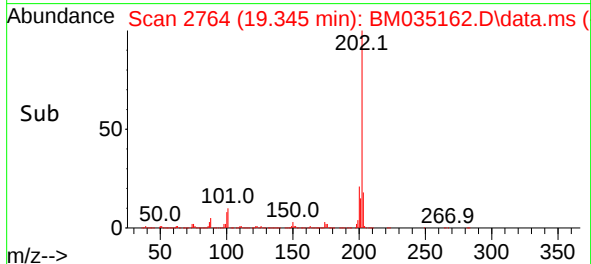
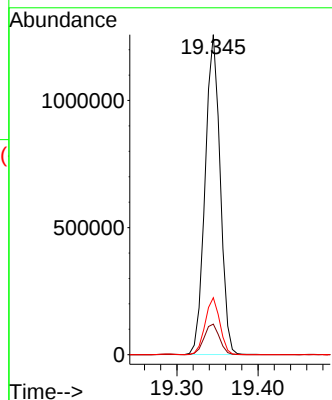
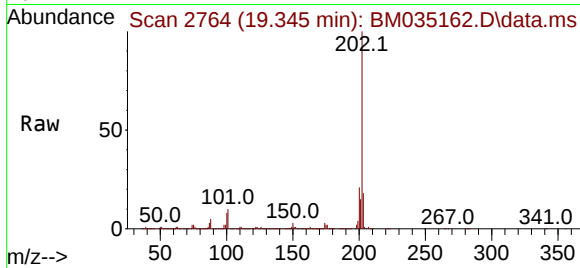




#75
Fluoranthene
Concen: 45.632 ng
RT: 19.345 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

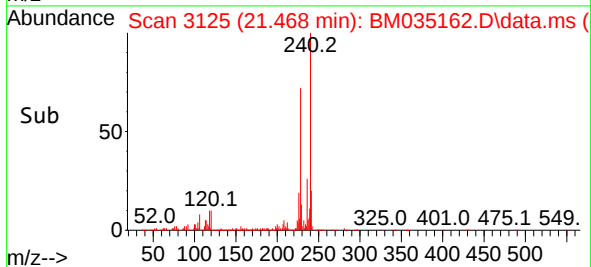
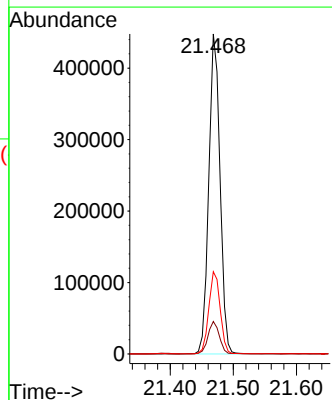
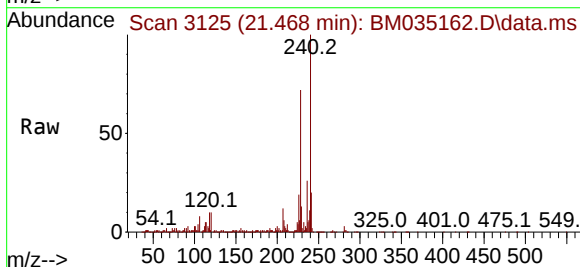
Instrument :
BNA_M
ClientSampleId :
P017-SS001-1824-01MSD

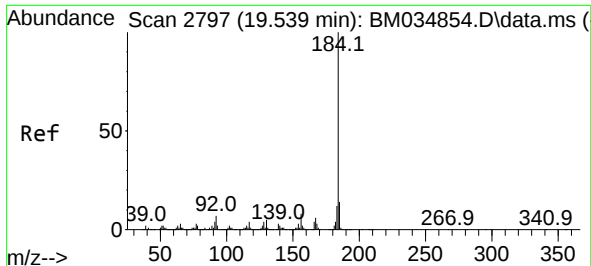
Tgt Ion:202 Resp: 1613370
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.6
203 17.8 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.468 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

Tgt Ion:240 Resp: 553535
Ion Ratio Lower Upper
240 100
120 10.2 9.4 14.0
236 25.7 20.6 30.8

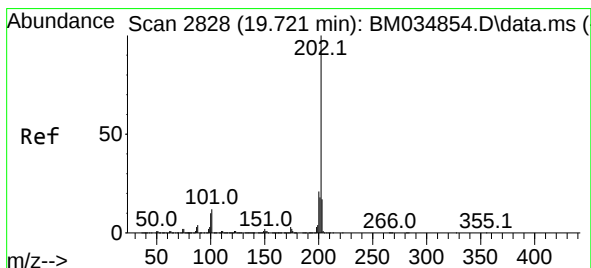
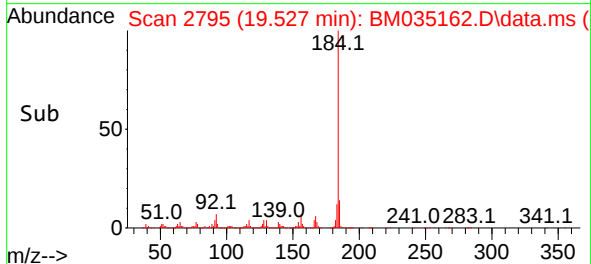
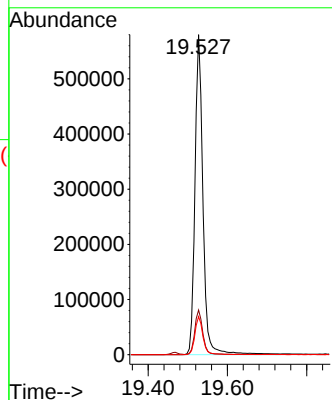
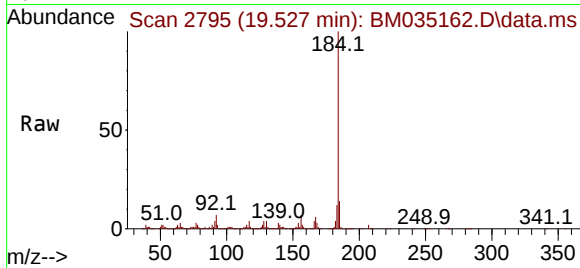




#77
Benzidine
Concen: 48.223 ng
RT: 19.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

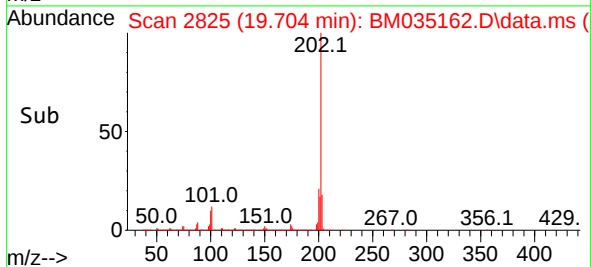
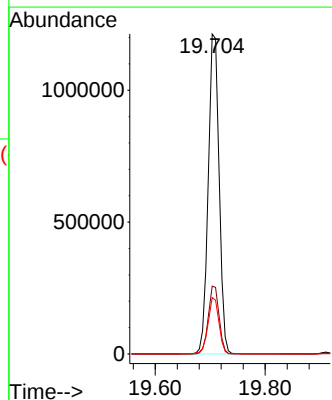
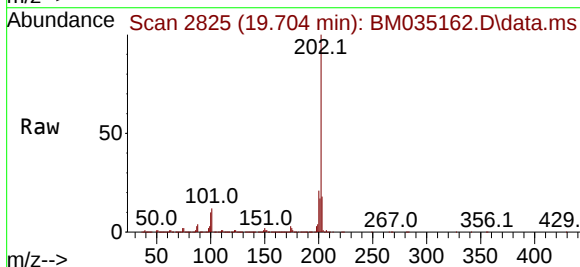
Instrument :
BNA_M
ClientSampleId :
P017-SS001-1824-01MSD

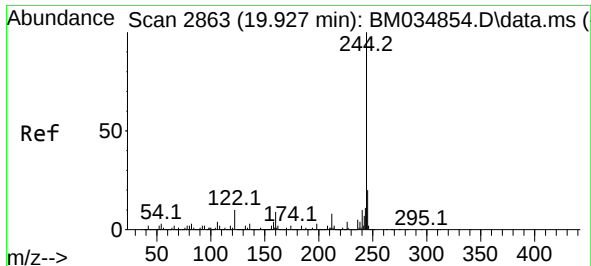
Tgt Ion:184 Resp: 815451
Ion Ratio Lower Upper
184 100
185 14.0 11.3 16.9
183 11.9 9.5 14.3



#78
Pyrene
Concen: 45.483 ng
RT: 19.704 min Scan# 2825
Delta R.T. -0.006 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

Tgt Ion:202 Resp: 1664935
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.6 13.9 20.9

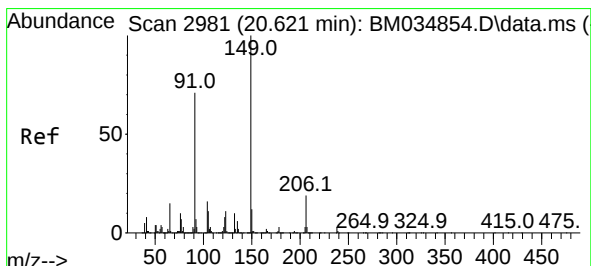
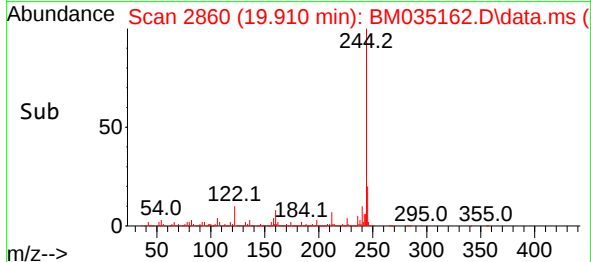
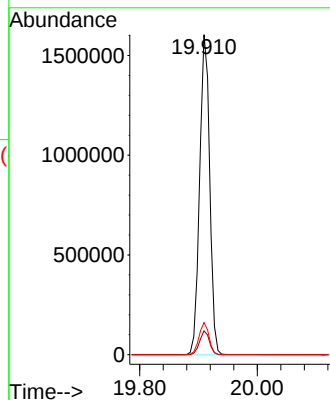
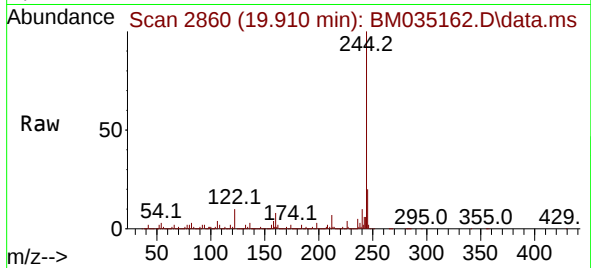




#79
 Terphenyl-d14
 Concen: 66.436 ng
 RT: 19.910 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035162.D
 Acq: 19 May 2022 20:58

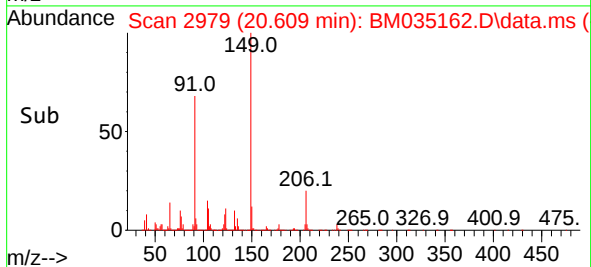
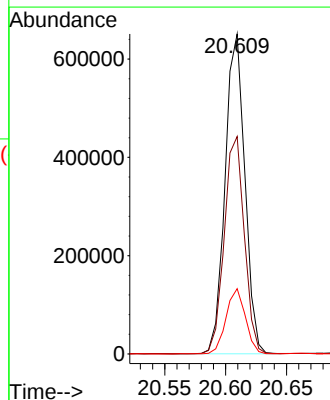
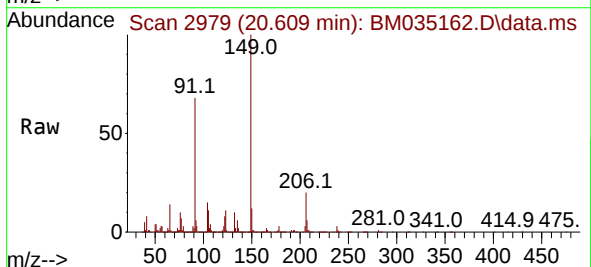
Instrument :
 BNA_M
 ClientSampleId :
 P017-SS001-1824-01MSD

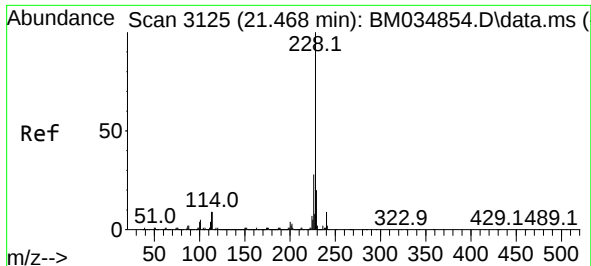
Tgt Ion:244 Resp: 1899303
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 10.1 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 45.648 ng
 RT: 20.609 min Scan# 2979
 Delta R.T. 0.000 min
 Lab File: BM035162.D
 Acq: 19 May 2022 20:58

Tgt Ion:149 Resp: 733440
 Ion Ratio Lower Upper
 149 100
 91 67.9 56.6 85.0
 206 20.4 15.4 23.0

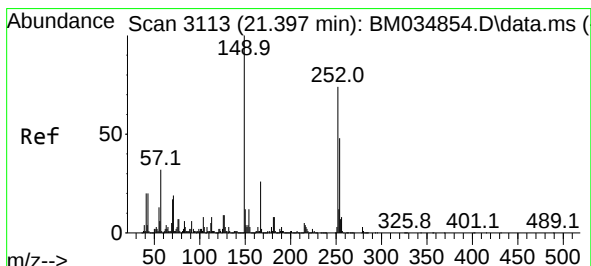
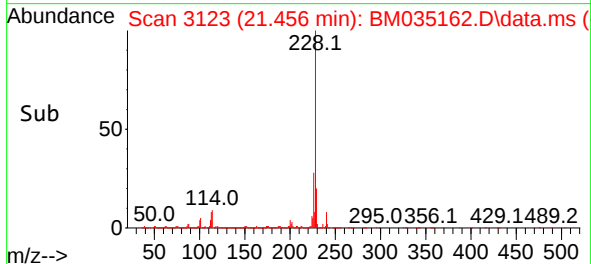
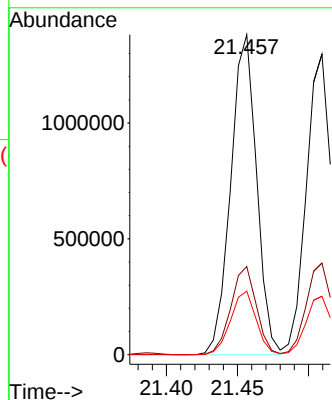
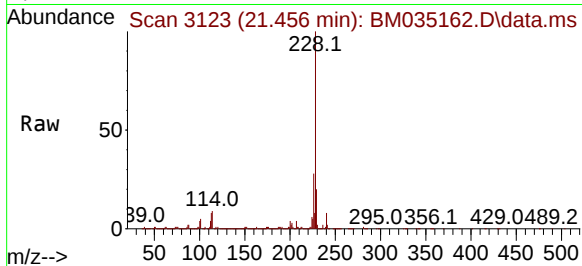




#81
Benzo(a)anthracene
Concen: 47.437 ng
RT: 21.456 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

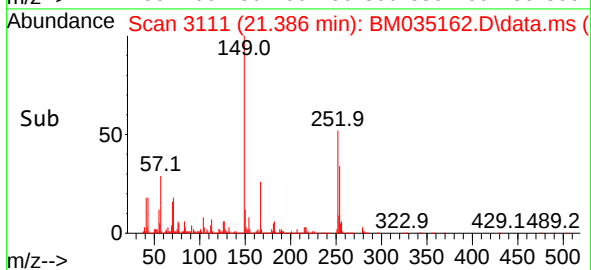
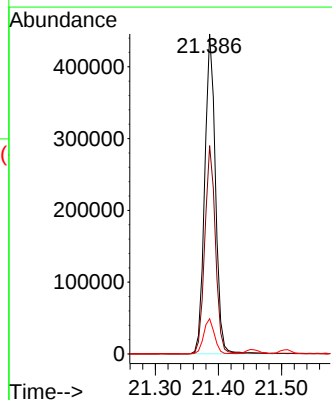
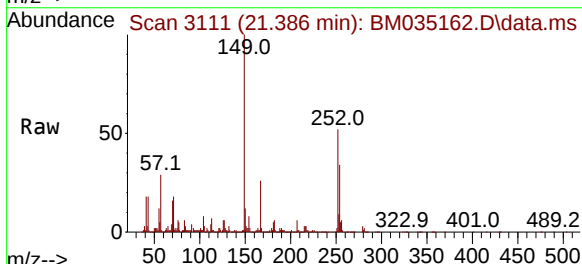
Instrument :
BNA_M
ClientSampleId :
P017-SS001-1824-01MSD

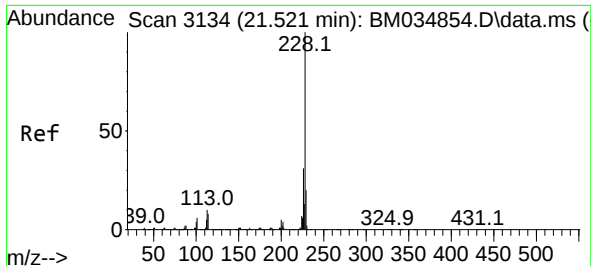
Tgt Ion:228 Resp: 1752125
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 48.997 ng
RT: 21.386 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

Tgt Ion:252 Resp: 527467
Ion Ratio Lower Upper
252 100
254 65.1 51.7 77.5
126 11.0 9.4 14.0





#83

Chrysene

Concen: 45.864 ng

RT: 21.509 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM035162.D

Acq: 19 May 2022 20:58

Instrument :

BNA_M

ClientSampleId :

P017-SS001-1824-01MSD

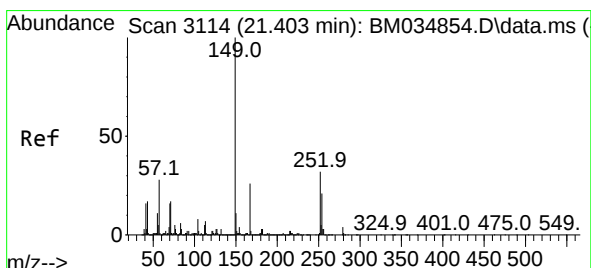
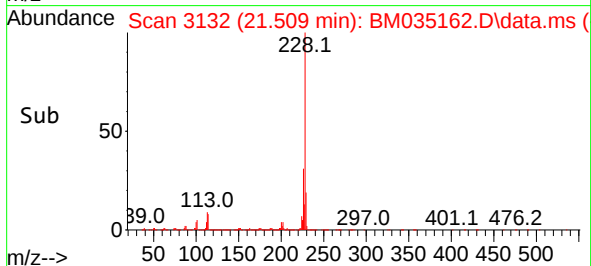
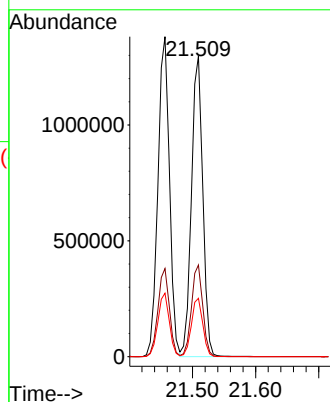
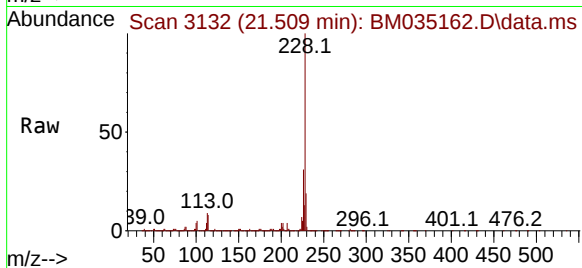
Tgt Ion:228 Resp: 1618083

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 19.4 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.185 ng

RT: 21.392 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM035162.D

Acq: 19 May 2022 20:58

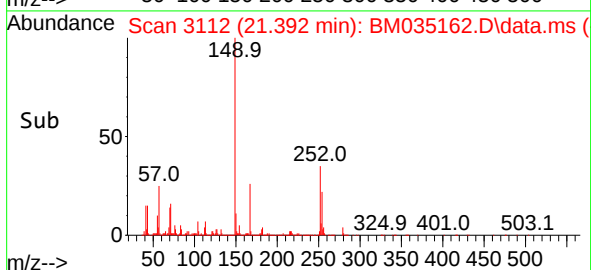
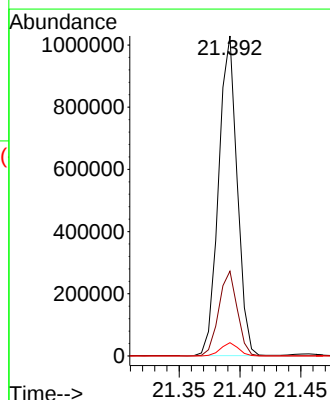
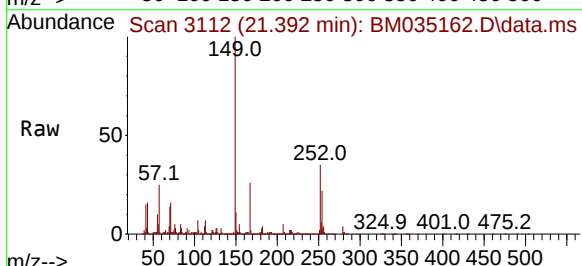
Tgt Ion:149 Resp: 1091672

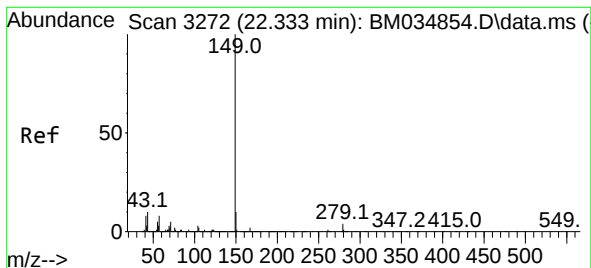
Ion Ratio Lower Upper

149 100

167 26.5 21.1 31.7

279 4.1 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 46.872 ng

RT: 22.315 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM035162.D

Acq: 19 May 2022 20:58

Instrument :

BNA_M

ClientSampleId :

P017-SS001-1824-01MSD

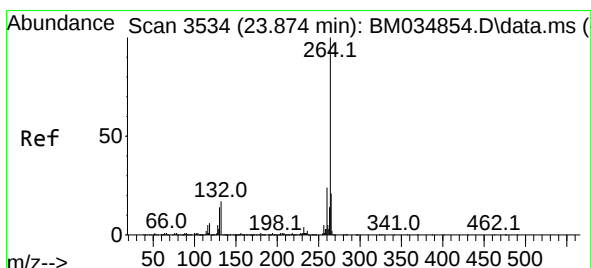
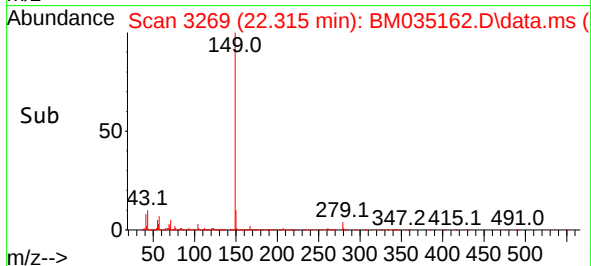
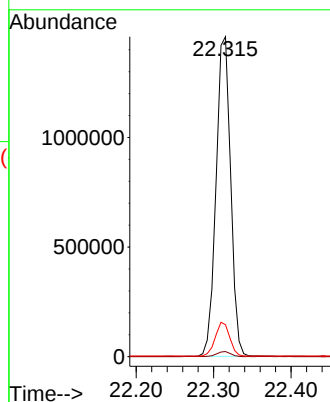
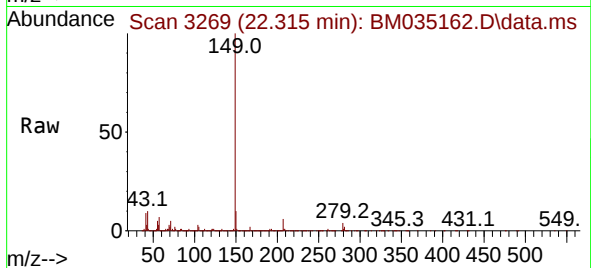
Tgt Ion:149 Resp: 1909106

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.4 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.856 min Scan# 3531

Delta R.T. 0.000 min

Lab File: BM035162.D

Acq: 19 May 2022 20:58

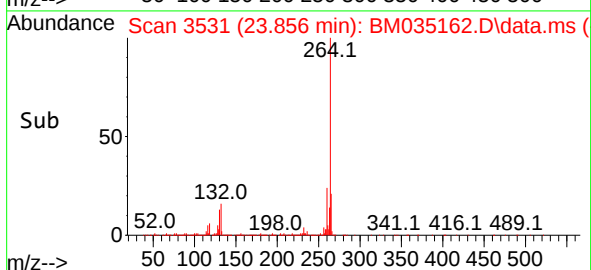
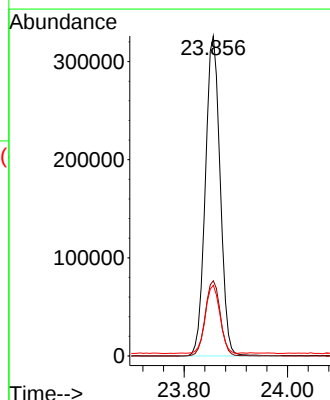
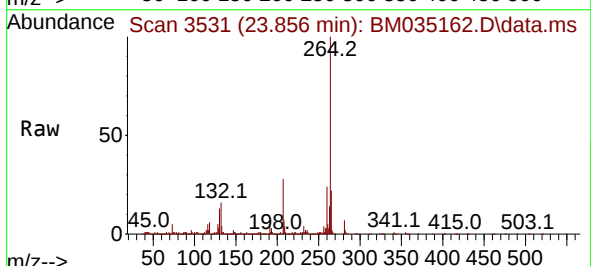
Tgt Ion:264 Resp: 647513

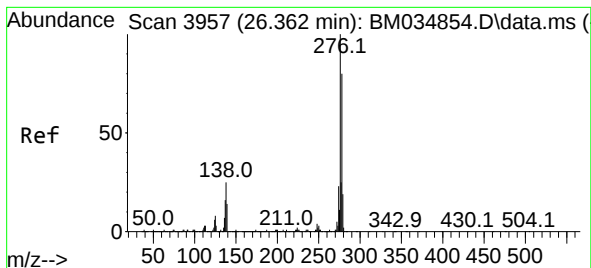
Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 22.1 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.791 ng

RT: 26.339 min Scan# 3408

Delta R.T. 0.006 min

Lab File: BM035162.D

Acq: 19 May 2022 20:58

Instrument :

BNA_M

ClientSampleId :

P017-SS001-1824-01MSD

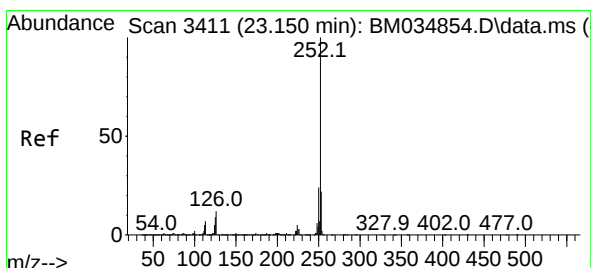
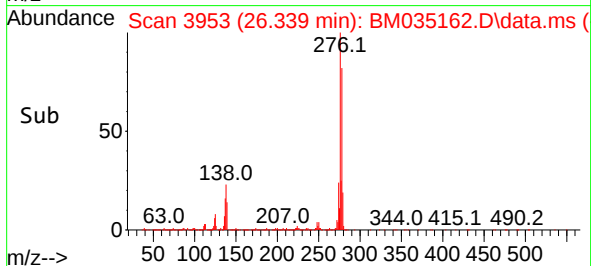
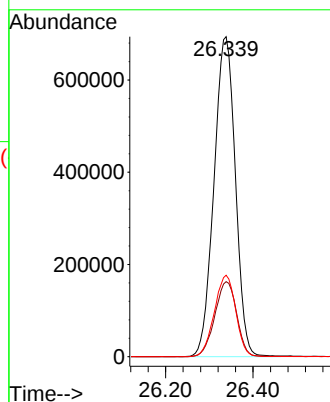
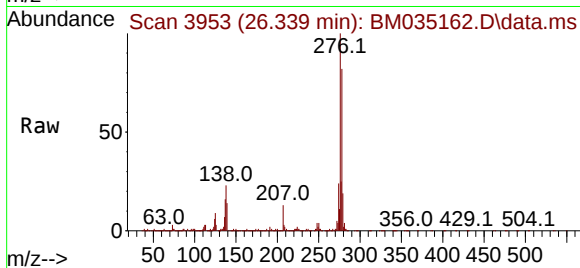
Tgt Ion:276 Resp: 2352736

Ion Ratio Lower Upper

276 100

138 23.9 20.2 30.4

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 48.019 ng

RT: 23.133 min Scan# 3408

Delta R.T. 0.000 min

Lab File: BM035162.D

Acq: 19 May 2022 20:58

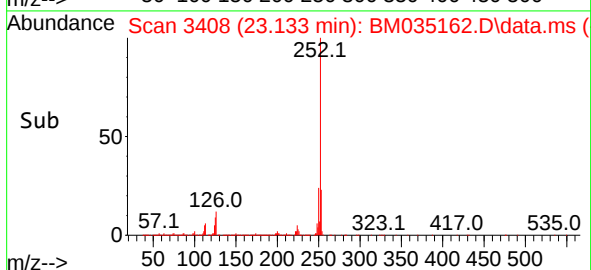
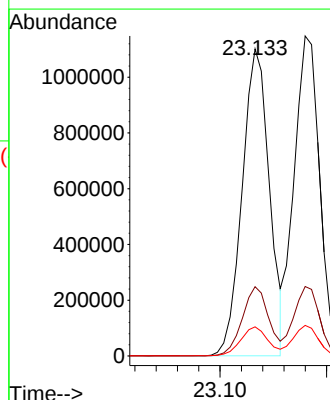
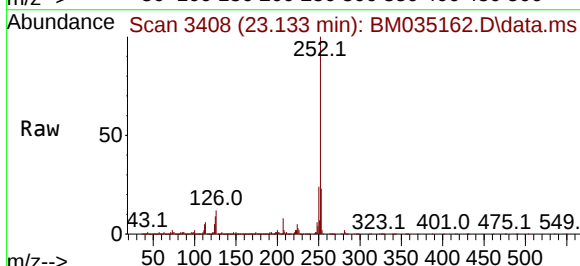
Tgt Ion:252 Resp: 1955637

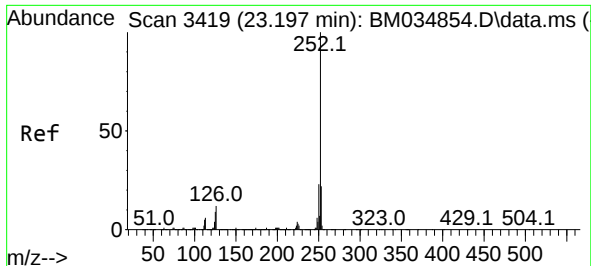
Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

125 9.5 7.6 11.4

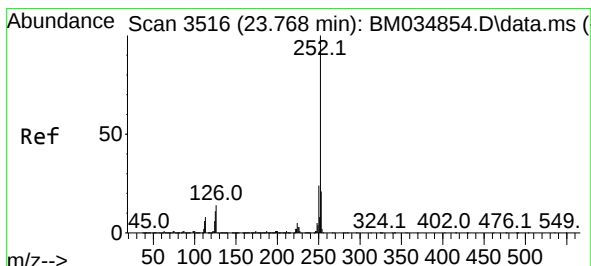
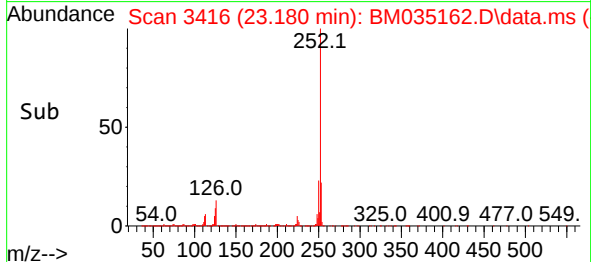
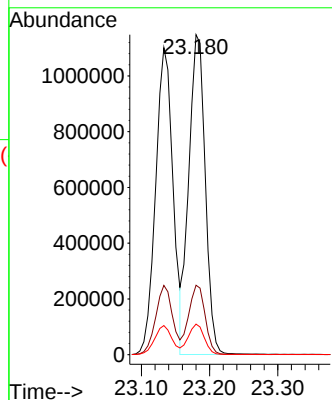
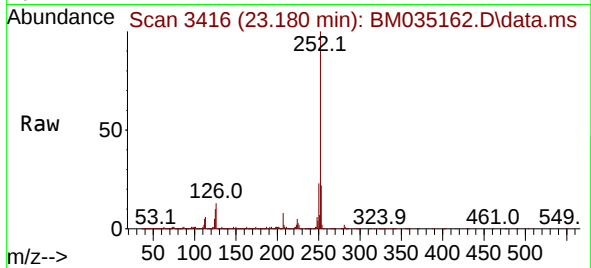




#89
Benzo(k)fluoranthene
Concen: 46.359 ng
RT: 23.180 min Scan# 3419
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

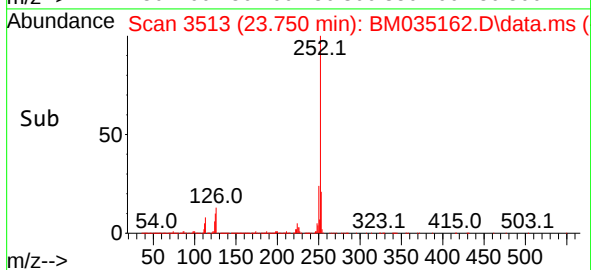
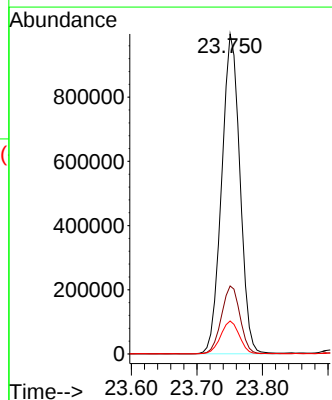
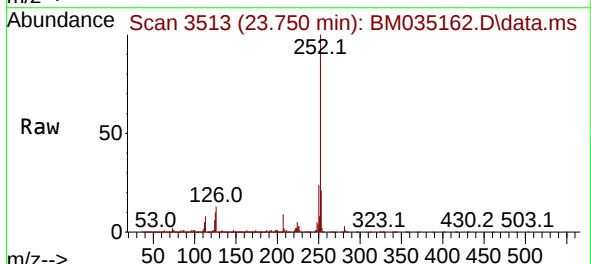
Instrument :
BNA_M
ClientSampleId :
P017-SS001-1824-01MSD

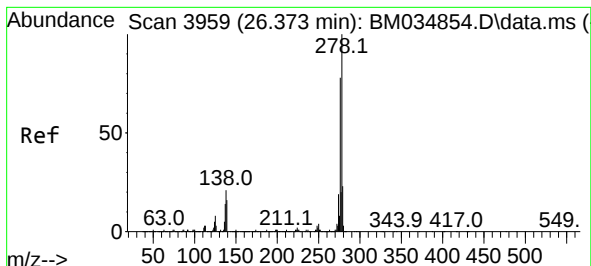
Tgt Ion:252 Resp: 1911200
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.6 7.6 11.4



#90
Benzo(a)pyrene
Concen: 56.855 ng
RT: 23.750 min Scan# 3513
Delta R.T. 0.000 min
Lab File: BM035162.D
Acq: 19 May 2022 20:58

Tgt Ion:252 Resp: 1923673
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 10.3 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 49.975 ng

RT: 26.350 min Scan# 3955

Delta R.T. 0.000 min

Lab File: BM035162.D

Acq: 19 May 2022 20:58

Instrument :

BNA_M

ClientSampleId :

P017-SS001-1824-01MSD

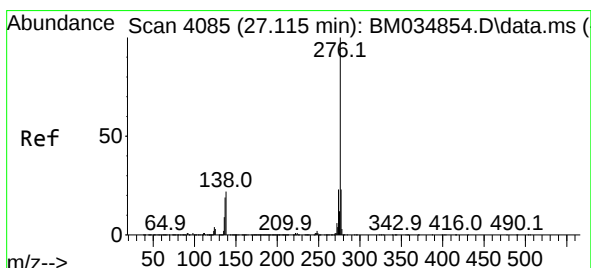
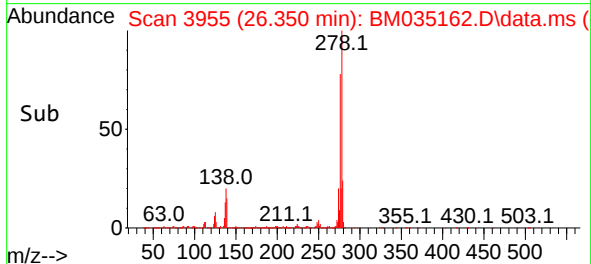
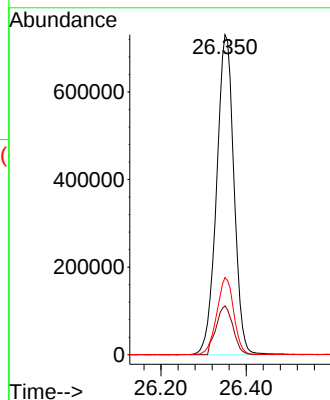
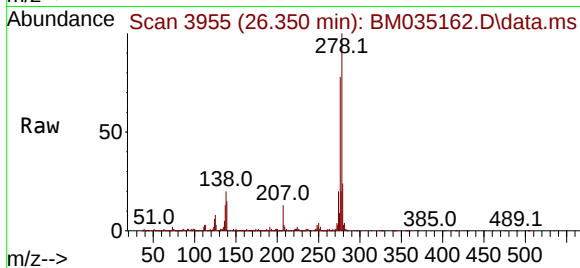
Tgt Ion:278 Resp: 2063748

Ion Ratio Lower Upper

278 100

139 15.3 12.9 19.3

279 24.1 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 51.157 ng

RT: 27.097 min Scan# 4082

Delta R.T. 0.006 min

Lab File: BM035162.D

Acq: 19 May 2022 20:58

Tgt Ion:276 Resp: 2029866

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 20.6 17.6 26.4

